

Proposed

Code Point Repertoire

Neo-brahmi GP

Draft: Hindi

Preamble:

This document proposes the code-point repertoire for Hindi.

The color code convention followed is as follows:

Color	Disposition
	Disallowed - As per IDNA protocol
	Disallowed - As per Maximal Starting Repertoire
	Disallowed - As per Neo-brahmi GP recommendation (Proposed)
	Allowed

The document is based on the MSR-2 ([link](#)) released by the Integration Panel. For more elaborate documentation on the MSR-2 you refer the below links.

1. Maximal Starting Repertoire - MSR-2-Overview and Rationale-20150414 ([Link](#))
2. MSR-2-Annotated-non-CJK-Tables-20150413 ([Link](#))
3. MSR-2-Repertoire+WLE-Rules-20150413 ([Link](#))

For the current work-at hand, visiting the links 1 and 2 should be sufficient.

The MSR-2 is based on Unicode 7.0 however all the characters added to the Indian Scripts blocks in Unicode 7.0 are barred by the Integration Panel as the IDNA tables currently are updated til Unicode 6.3 only. The color coding conventions followed are similar to the ones used in the MSR-2 with the addition of blue marking to the characters barred by the Neo-brahmi GP.

The document is structured as,

1. Code-point repertoire
2. Rationale for exclusion (if code-point is excluded)

	090	091	092	093	094	095	096	097
0	ॆ 0900	ऐ 0910	ठ 0920	र 0930	ी 0940	ॐ 0950	ॠ 0960	० 0970
1	ँ 0901	ऑ 0911	ड 0921	ॠ 0931	ु 0941	ं 0951	ॡ 0961	ॱ 0971
2	ं 0902	ओ 0912	ढ 0922	ल 0932	ॡ 0942	ॢ 0952	ॣ 0962	अँ 0972
3	ः 0903	ओ 0913	ण 0923	ळ 0933	ॣ 0943	े 0953	। 0963	अं 0973
4	ऐ 0904	औ 0914	त 0924	ॢ 0934	। 0944	ँ 0954	। 0964	आ 0974
5	अ 0905	क 0915	थ 0925	व 0935	ँ 0945	ॢ 0955	॥ 0965	औ 0975
6	आ 0906	ख 0916	द 0926	श 0936	॥ 0946	ॣ 0956	० 0966	अु 0976
7	इ 0907	ग 0917	ध 0927	ष 0937	े 0947	ॣ 0957	१ 0967	अु 0977
8	ई 0908	घ 0918	न 0928	स 0938	ै 0948	ॠ 0958	ॡ 0968	
9	उ 0909	ङ 0919	त 0929	ह 0939	ॉ 0949	ख 0959	३ 0969	ज़ 0979
A	ऊ 090A	च 091A	प 092A	ं 093A	ो 094A	ग 095A	४ 096A	ष 097A
B	ॠ 090B	छ 091B	फ 092B	ा 093B	ो 094B	ज़ 095B	५ 096B	गु 097B
C	ॡ 090C	ज 091C	ब 092C	ॢ 093C	ौ 094C	ड 095C	६ 096C	ज़ 097C
D	ँ 090D	झ 091D	भ 092D	ॣ 093D	। 094D	ढ 095D	७ 096D	१ 097D
E	ऐ 090E	ञ 091E	म 092E	ा 093E	ा 094E	फ़ 095E	८ 096E	ड 097E
F	ए 090F	ट 091F	य 092F	ि 093F	ौ 094F	य़ 095F	९ 096F	ब 097F

Rationale:

Hindi:		
Code Point	Name	Rationale for exclusion
U+0900	DEVANAGARI SIGN INVERTED CANDRABINDU	MSR Blocked
U+0901	DEVANAGARI SIGN CANDRABINDU	
U+0902	DEVANAGARI SIGN ANUSVARA	
U+0903	DEVANAGARI SIGN VISARGA	
U+0904	DEVANAGARI LETTER SHORT A	Not part of language character set
U+0905	DEVANAGARI LETTER A	
U+0906	DEVANAGARI LETTER AA	
U+0907	DEVANAGARI LETTER I	
U+0908	DEVANAGARI LETTER II	
U+0909	DEVANAGARI LETTER U	
U+090A	DEVANAGARI LETTER UU	
U+090B	DEVANAGARI LETTER VOCALIC R	
U+090C	DEVANAGARI LETTER VOCALIC L	Not part of language character set
U+090D	DEVANAGARI LETTER CANDRA E	
U+090E	DEVANAGARI LETTER SHORT E	Not part of language character set
U+090F	DEVANAGARI LETTER E	
U+0910	DEVANAGARI LETTER AI	
U+0911	DEVANAGARI LETTER CANDRA O	
U+0912	DEVANAGARI LETTER SHORT O	Not part of language character set
U+0913	DEVANAGARI LETTER O	
U+0914	DEVANAGARI LETTER AU	
U+0915	DEVANAGARI LETTER KA	
U+0916	DEVANAGARI LETTER KHA	
U+0917	DEVANAGARI LETTER GA	
U+0918	DEVANAGARI LETTER GHA	
U+0919	DEVANAGARI LETTER NGA	
U+091A	DEVANAGARI LETTER CA	
U+091B	DEVANAGARI LETTER CHA	
U+091C	DEVANAGARI LETTER JA	
U+091D	DEVANAGARI LETTER JHA	
U+091E	DEVANAGARI LETTER NYA	
U+091F	DEVANAGARI LETTER TTA	
U+0920	DEVANAGARI LETTER TTHA	
U+0921	DEVANAGARI LETTER DDA	
U+0922	DEVANAGARI LETTER DDHA	
U+0923	DEVANAGARI LETTER NNA	
U+0924	DEVANAGARI LETTER TA	
U+0925	DEVANAGARI LETTER THA	
U+0926	DEVANAGARI LETTER DA	
U+0927	DEVANAGARI LETTER DHA	
U+0928	DEVANAGARI LETTER NA	
U+0929	DEVANAGARI LETTER NNNA	Not part of language

		character set
U+092A	DEVANAGARI LETTER PA	
U+092B	DEVANAGARI LETTER PHA	
U+092C	DEVANAGARI LETTER BA	
U+092D	DEVANAGARI LETTER BHA	
U+092E	DEVANAGARI LETTER MA	
U+092F	DEVANAGARI LETTER YA	
U+0930	DEVANAGARI LETTER RA	
U+0931	DEVANAGARI LETTER RRA	Not part of language character set
U+0932	DEVANAGARI LETTER LA	
U+0933	DEVANAGARI LETTER LLA	Not part of language character set
U+0934	DEVANAGARI LETTER LLLA	Not part of language character set
U+0935	DEVANAGARI LETTER VA	
U+0936	DEVANAGARI LETTER SHA	
U+0937	DEVANAGARI LETTER SSA	
U+0938	DEVANAGARI LETTER SA	
U+0939	DEVANAGARI LETTER HA	
U+093A	DEVANAGARI VOWEL SIGN OE	Not part of language character set
U+093B	DEVANAGARI VOWEL SIGN OOE	Not part of language character set
U+093C	DEVANAGARI SIGN NUKTA	
U+093D	DEVANAGARI SIGN AVAGRAHA	MSR Blocked
U+093E	DEVANAGARI VOWEL SIGN AA	
U+093F	DEVANAGARI VOWEL SIGN I	
U+0940	DEVANAGARI VOWEL SIGN II	
U+0941	DEVANAGARI VOWEL SIGN U	
U+0942	DEVANAGARI VOWEL SIGN UU	
U+0943	DEVANAGARI VOWEL SIGN VOCALIC R	
U+0944	DEVANAGARI VOWEL SIGN VOCALIC RR	Not part of language character set
U+0945	DEVANAGARI VOWEL SIGN CANDRA E	
U+0946	DEVANAGARI VOWEL SIGN SHORT E	Not part of language character set
U+0947	DEVANAGARI VOWEL SIGN E	
U+0948	DEVANAGARI VOWEL SIGN AI	
U+0949	DEVANAGARI VOWEL SIGN CANDRA O	
U+094A	DEVANAGARI VOWEL SIGN SHORT O	Not part of language character set
U+094B	DEVANAGARI VOWEL SIGN O	
U+094C	DEVANAGARI VOWEL SIGN AU	
U+094D	DEVANAGARI SIGN VIRAMA	
U+094E	DEVANAGARI VOWEL SIGN PRISHTHAMATRA E	MSR Blocked
U+094F	DEVANAGARI VOWEL SIGN AW	Not part of language character set
U+0950	DEVANAGARI OM	MSR Blocked
U+0951	DEVANAGARI STRESS SIGN UDATTA	MSR Blocked
U+0952	DEVANAGARI STRESS SIGN ANUDATTA	MSR Blocked
U+0953	DEVANAGARI GRAVE ACCENT	MSR Blocked
U+0954	DEVANAGARI ACUTE ACCENT	MSR Blocked

U+0955	DEVANAGARI VOWEL SIGN CANDRA LONG E	MSR Blocked
U+0956	DEVANAGARI VOWEL SIGN UE	Not part of language character set
U+0957	DEVANAGARI VOWEL SIGN UUE	Not part of language character set
U+0958	DEVANAGARI LETTER QA	IDNA invalid
U+0959	DEVANAGARI LETTER KHHA	IDNA invalid
U+095A	DEVANAGARI LETTER GHHA	IDNA invalid
U+095B	DEVANAGARI LETTER ZA	IDNA invalid
U+095C	DEVANAGARI LETTER DDDHA	IDNA invalid
U+095D	DEVANAGARI LETTER RHA	IDNA invalid
U+095E	DEVANAGARI LETTER FA	IDNA invalid
U+095F	DEVANAGARI LETTER YYA	IDNA invalid
U+0960	DEVANAGARI LETTER VOCALIC RR	MSR Blocked
U+0961	DEVANAGARI LETTER VOCALIC LL	MSR Blocked
U+0962	DEVANAGARI VOWEL SIGN VOCALIC L	MSR Blocked
U+0963	DEVANAGARI VOWEL SIGN VOCALIC LL	MSR Blocked
U+0964	DEVANAGARI DANDA	IDNA invalid
U+0965	DEVANAGARI DOUBLE DANDA	IDNA invalid
U+0966	DEVANAGARI DIGIT ZERO	IDNA invalid
U+0967	DEVANAGARI DIGIT ONE	IDNA invalid
U+0968	DEVANAGARI DIGIT TWO	IDNA invalid
U+0969	DEVANAGARI DIGIT THREE	IDNA invalid
U+096A	DEVANAGARI DIGIT FOUR	IDNA invalid
U+096B	DEVANAGARI DIGIT FIVE	IDNA invalid
U+096C	DEVANAGARI DIGIT SIX	IDNA invalid
U+096D	DEVANAGARI DIGIT SEVEN	IDNA invalid
U+096E	DEVANAGARI DIGIT EIGHT	IDNA invalid
U+096F	DEVANAGARI DIGIT NINE	IDNA invalid
U+0970	DEVANAGARI ABBREVIATION SIGN	IDNA invalid
U+0971	DEVANAGARI SIGN HIGH SPACING DOT	MSR Blocked
U+0972	DEVANAGARI LETTER CANDRA A	Not part of language character set
U+0973	DEVANAGARI LETTER OE	Not part of language character set
U+0974	DEVANAGARI LETTER OOE	Not part of language character set
U+0975	DEVANAGARI LETTER AW	Not part of language character set
U+0976	DEVANAGARI LETTER UE	Not part of language character set
U+0977	DEVANAGARI LETTER UUE	Not part of language character set
U+0978	DEVANAGARI LETTER MARWARI DDA	MSR Blocked
U+0979	DEVANAGARI LETTER ZHA	Not part of language character set
U+097A	DEVANAGARI LETTER HEAVY YA	Not part of language character set
U+097B	DEVANAGARI LETTER GGA	Not part of language character set
U+097C	DEVANAGARI LETTER JJA	Not part of language character set
U+097D	DEVANAGARI LETTER GLOTTAL STOP	MSR Blocked
U+097E	DEVANAGARI LETTER DDDA	Not part of language

		character set
U+097F	DEVANAGARI LETTER BBA	Not part of language character set