Awami Nastaliq - Font Features

Note:

This page will only display properly in new versions of Mozilla Firefox. Also, Graphite must be enabled. See the instructions on how to enable Graphite in Firefox.

Awami Nastaliq is a TrueType font with smart font capabilities added using the Graphite font technology. The font includes a number of optional features that provide alternative rendering that might be preferable for use in some contexts. The chart below enumerates the details of these features. Whether these features are available to users will depend on the application being used.

See Using Font Features. Although that page is not targeted at Arabic script support, it does provide a comprehensive list of applications that make full use of both the OpenType and Graphite font technologies.

See also Arabic Fonts — Application Support. It provides a fairly comprehensive list of applications that make full use of the Graphite font technology.

This page uses web fonts (WOFF) to demonstrate font features. However, it will only display correctly in Mozilla Firefox. For a more concise example of how to use Awami Nastaliq as a web font see *AwamiNastaliqwebfont-example.html* in the font package web folder.

If this document is not displaying correctly a PDF version is also provided in the documentation/pdf folder of the release package.

End of Ayah (U+06DD), subtending marks (U+0600..U+0605)

These Arabic characters are intended to enclose or hold one or more digits.

Specific technical details of how to use them are discussed in the Arabic fonts FAQ -- Subtending marks.

Customizing with TypeTuner

For applications that do not make use of Graphite features or the OpenType Character Variants, you can now download fonts customized with the variant glyphs you choose. Read this document, visit TypeTuner Web, then choose the variants and download your font.

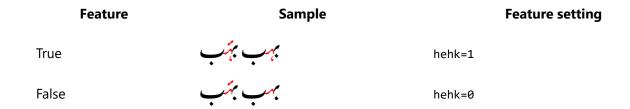
Character variants

There are some character shape differences in different languages which use the Arabic script. These can be accessed by using Graphite features.

Unless otherwise indicated, the first feature in a table is the default.

Hook on medial heh-goal

Affects: U+06C1, U+06C2



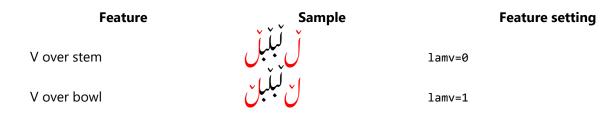
Initial heh doachashmee

Affects: U+06BE

Feature	Sample	Feature setting
Heart shape	ها	hedo=0
Round	6	hedo=1

Lam with V

Affects: U+06B5



Full Stop

Affects: U+06D4

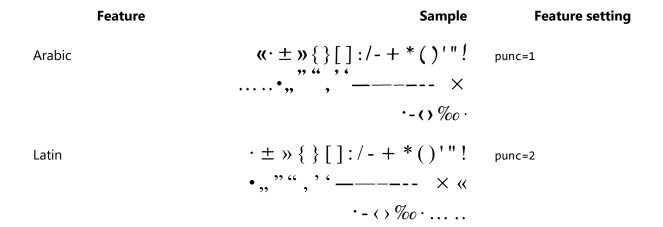
Feature	Sample		Feature setting
Dash	- ટ ્ટ.	cv85=0	
Dot	. 	cv85=1	

Punctuation

Affects: U+0021, U+0022, U+0027, U+0028, U+0029, U+002A, U+002B, U+002D, U+002F, U+003A, U+003C, U+003D, U+003E, U+005B, U+005C, U+005D, U+007D, U+007D, U+00AB, U+00AD, U+00B1, U+00B7, U+00BB, U+00D7, U+2004, U+2010, U+2011, U+2012, U+2013, U+2014, U+2015, U+2018, U+2019, U+201A, U+201C, U+201D, U+201E, U+2022, U+2025, U+2026, U+2027, U+2030, U+2039, U+203A, U+2212, U+2219

Default uses Arabic-style punctuation for right-to-left segments and Latin-style for left-to-right segments

Feature	Sample	Feature setting
Default	<pre>(* ±) { } [] :/- + * () ' " !*,</pre>	punc=0
	·-()%o·	



Sukun/jazm

Affects: U+0652

Feature	Sample	Feat	ure setting
Open down	î ب	cv78=1	
Open left	ِ	cv78=2	

Hamza

Affects: U+0654, U+0655, U+0623, U+0624, U+0626, U+0675, U+076C, U+0681, U+06C2, U+06D3

Feature	Sample	Feature setting
Urdu style	ء أَ وَ بِوَ إِ هُ بِهُ ہے کہ أَ رُبِرُحُ بِحُ بِحُبِ بِ بِ	hamz=0
Arabic style	ء أ ؤ بؤ إ ۂ بۂ ہے 'ا ڑ بڑ ځ بځ بخب بُب	hamz=1

Word spacing

Feature	Sample	Feature setting
Extra tight	كيول جوانساني حقوق كنول	wdsp=0
Tight	کیوں جو انسافی حقوق کنوں	wdsp=1
Medium (default)	کیوں جو انسانی حقوق کنوں	wdsp=2
Wide	ر کیوں جو انسانی حقوق کنوں	wdsp=3
Extra wide	کیوں جو انسانی حقوق کنوں	wdsp=4

Short forms

Affects: kafs & gafs: U+06A9, U+06AF, U+06A3, U+06B1, U+06B3, U+06AB, U+06B0; finals: U+06CC, U+0633, U+0642, U+0644, U+0645, U+0646, U+06B5, U+06D0, U+0626, U+06CE, U+06BA, U+06BB, U+06B9, U+0769

Feature	Sample	Feature setting
All	ديھتي نسلننٽس نگھنے تکميل ديھتي نبي _{ا ٿي} ڙ	shrt=3
None	ديھتى سىكىنىس ت <u>لھنے</u> تلميل ديھتى سىكىنىل بىر	shrt=0
Kafs and gafs	ے دیکھتی مسلنس بلھنے تکمیل کر المام	shrt=1
Finals	ديگھتي مسکننگس مگھنے ملميل ديگھتي کند اڻيا	shrt=2
All	ديلهتي فلسلكننكس تلقيني للميل	shrt=3

Collision avoidance

Feature	Sample	Feature setting
Off	پیٹی آتیجیل تحریج	agca=0
Kern-only	پیٹی آپیجیل تحریج	agca=1
Not implemented		agca=2
On (default)	پیٹی آییجیل تحریج	agca=3

Small nuqtas

	Feature	Sample شض∗		Feature setting
Off		مبيع شف.	snuq=0	
On		منتيخ	snuq=1	

End of Ayah and Subtending marks

This is not technically a feature, but we find it useful to demonstrate the use of these characters.

Firefox allows you to use U+06DD followed by the digits and proper rendering occurs. However, surrounding the sequence with U+202D and U+202C seems to give the most reliable results in different browsers, and so this font requires those characters in order to display properly.

Feature	Sample
U+06DD ARABIC END OF AYAH (U+202D U+06DD U+06F1 U+06F2 U+06F3 U+202C)	
U+0600 ARABIC NUMBER SIGN (U+202D U+0600 U+06F1 U+06F2 U+06F3 U+202C)	177, 17, 1,

Feature Sample

U+0601 ARABIC SIGN SANAH (year) (U+202D U+0601 U+06F1 U+06F2 U+06F3 U+202C) 1985

U+0602 ARABIC FOOTNOTE MARKER (U+202D U+0602 U+06F1 U+06F2 U+202C) ك ك

U+0603 ARABIC SIGN SAFHA (page) (U+202D U+0603 U+06F1 U+06F2 U+06F3 U+202C) صل صلا صلا

Paragraph of text

Default

This sentence comes from the Saraiki UDHR. All features are using the default. It includes **Hook on medial heh-goal** set to 'False', **Initial heh doachashmee** set to 'Heart shape', **Hamza** set to 'Urdu style', and **Word spacing** set to 'Medium'.

Features

These sentences come from the Saraiki UDHR. It includes **Hook on medial heh-goal** set to 'True', **Initial heh doachashmee** set to 'Round', **Hamza** set to 'Arabic style', **Short forms** set to 'Kafs and gafs', and **Word spacing** set to 'Extra tight'.

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