

Font Features for Padauk

The Padauk 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 both the application and the rendering technology (Graphite or OpenType) being used. The features are currently only available in Graphite.

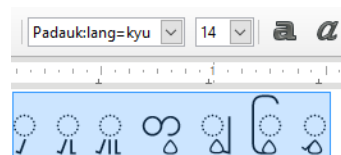
In LibreOffice 3.4.2+ (<http://www.libreoffice.org/download/>) the features are available only when Graphite rendering is enabled (the default). Features can be turned on by choosing the font (i.e., Padauk), followed by a colon, followed by the feature ID, and then followed by the feature setting. So, for example, if the “Lower dot shifts left” is desired, the font selection would be “Padauk:lldt=1”.



If you wish to apply two (or more) features, you can separate them with an “&”. Thus, “Padauk:lldt=1&kdot=1” would apply the “Lower dot shifts left” plus the “Khamti style dots” feature.

In Mozilla Firefox, with Graphite rendering, features can be accessed using the appropriate CSS markup. A description of how to use the font features in Mozilla Firefox can be found here: http://scripts.sil.org/cms/scripts/page.php?site_id=projects&item_id=graphite_firefox#cf8a0574.

You can also apply a language-based feature which will turn on all features associated with that language. The font would be set to “Padauk” (or Padauk Book) and then you need to change your language in your application. Since most applications do not support the Burmese language, you can select them in a similar way to the above approach. Languages can be turned on by choosing the font (i.e., Padauk), followed by a colon, followed by “lang=”, and then followed by the language code. So, for example, if the “Kayah” language is desired, the font selection would be “Padauk:lang=kyu”.



The following font features are available in Padauk (disclaimer: the list of Unicode characters affected by a feature is not exhaustive):

Feature Name	Feature ID	Feature Setting (top-most in each section is default)	Example	Implementation_ Notes ¹
Language-specific features				G, O
Sgaw	ksw	Language set to Sgaw XeTeX: "Padauk/GR:language=ksw" (Graphite) XeTeX: "Padauk/language=ksw" (OpenType)	၂ ၵ ၶ ၷ ၸ ၹ ၺ ၻ ၼ ၽ ၾ ၿ	
Khamti	khn, kht	Language set to Khamti XeTeX: "Padauk/GR:language=khn" (Graphite) XeTeX: "Padauk/GR:language=kht" (Graphite) XeTeX: "Padauk/language=khn" (Open Type) XeTeX: "Padauk/language=kht" (Open Type)	က ဂ င တ ပ မ ယ လ န ဓ က ဆ် က ဏ ဃ စ ဟ ဗြာ စ ဖ ဇ ဝ ည် ဌျံ ိံ ိး ို, ိဒ; ို. ိး ိာ ိာ' ို,	
Kayah	kyu	Language set to Kayah (Western) XeTeX: "Padauk/GR:language=kyu" (Graphite) XeTeX: "Padauk/language=kyu" (OpenType)	၂ ၵ ၶ ၷ ၸ ၹ ၺ ၻ ၼ ၽ ၾ ၿ	
Shan	shn	Language set to Shan XeTeX: "Padauk/GR:language=shn" (Graphite) XeTeX: "Padauk/language=shn" (OpenType)	တ ၵ ၶ ၷ ၸ ၹ	
Aiton, Phake	aio, phk	Language set to Aiton or Phake XeTeX: "Padauk/GR:language=aio" (Graphite) XeTeX: "Padauk/GR:language=phk" (Graphite) XeTeX: "Padauk/language=aio" (Open Type) XeTeX: "Padauk/language=phk" (Open Type)	က ဂ င တ ပ မ ယ လ န ဓ က ဆ် က ဏ ဃ စ ဟ ဗြာ စ ဖ ဇ ဝ ည် က ထ ယ လ ဝေ က ရာ ြာ ံ ိး ို, ိဒ; ို. ိး ိာ ိာ' ို,	
Khamti style dots (U+1000, U+1002, U+1004, U+1010, U+1015, U+1019, U+101A, U+101C, U+1022, U+1075, U+1078, U+1080, U+1086, U+AA60..U+AA66, U+AA6B..U+AA6C, U+AA6F, U+AA73, U+AA75, U+AA76)	kdot	0=False	က ဂ င တ ပ မ ယ လ န ဓ က ဆ် က ဏ ဃ စ ဟ ဗြာ စ ဖ ဇ ဝ ည် ဌျံ	G
		1=True XeTeX: "Padauk/GR:Khamti style dots=True"	က ဂ င တ ပ မ ယ လ န ဓ က ဆ် က ဏ ဃ စ ဟ ဗြာ စ ဖ ဇ ဝ ည် ဌျံ	
Aiton Phake special characters over Khamti (U+1000, U+1011, U+101A, U+101C, U+101D, U+1031, U+1078, U+107A, U+AA7A)	aiph	0=False	က ထ ယ လ ဝေ က ရာ ြာ	G
		1=True XeTeX: "Padauk/GR:Aiton Phake special characters over Khamti=True"	က ထ ယ လ ဝေ က ရာ ြာ	

¹ **Legend:** **G**=Implemented in Graphite; **O**=Implemented in OpenType.

Feature Name	Feature ID	Feature Setting (top-most in each section is default)	Example	Implementation_ Notes
Filled dots (U+1036, U+1038, U+1087, U+1088, U+1089, U+108A, U+109A, U+109B, U+AA7B)	fdot	0=False	◌̇ ◌̈ ◌̉ ◌̊ ◌̋ ◌̌ ◌̍ ◌̎ ◌̏ ◌̐	G
		1=True XeTeX: "Padauk/GR:Filled dots=True"	◌̇ ◌̈ ◌̉ ◌̊ ◌̋ ◌̌ ◌̍ ◌̎ ◌̏ ◌̐	
Lower dot shifts left (U+1037 with U+101B, U+1036, U+103E – list not exhaustive)	lldt	0=False	ရံ့ ရံ့ က့	G
		1=True XeTeX: "Padauk/GR:Lower dot shifts left=True"	ရံ့ ရံ့ က့	
Tear drop style washwe (U+1010 U+103B U+103C, U+103D, U+103E)	wtri	0=False	တံ့ ချံ့ ငွံ့	G
		1=True XeTeX: "Padauk/GR:Tear drop style washwe=True"	တံ့ ချံ့ ငွံ့	
Long U with Yayit, long UU with Hato (U+102F, U+1030)	ulon	0=False	ကြံ့ ဣ	G
		1=True XeTeX: "Padauk/GR:1970040686=1"	ကြံ့ ဣ	
U and UU always full height (U+102F, U+1030)	utal	0=False	◌̇ ◌̈	G
		1=True XeTeX: "Padauk/GR:U and UU always full height=True"	◌̇ ◌̈	
Insert dotted circles for errors (any combining mark)	dotc	1=True XeTeX: "Padauk/GR:Insert dotted circles for errors=True"	◌̇	G
		0=False XeTeX: "Padauk/GR:Insert dotted circles for errors=False"	◌̇	
Slanted hato (U+103E, U+102F, U+1030)	hsln	0=Upright XeTeX: "Padauk/GR:Slanted hato=Upright"	◌̇ ◌̈ ◌̉	G
		1=Sgaw style slanted leg with horizontal foot XeTeX: "Padauk/GR:Slanted hato=Sgaw style slanted leg with horizontal foot"	◌̇ ◌̈ ◌̉	
		2=Slanted leg with right angled foot XeTeX: "Padauk/GR:Slanted hato=Slanted leg with right angled foot"	◌̇ ◌̈ ◌̉	

Feature Name	Feature ID	Feature Setting (top-most in each section is default)	Example	Implementation_ Notes
Disable great nnya (U+1039 U+100A)	nnya	0=False	ည	G
		1=True XeTeX: "Padauk/GR:Disable great nnya=True"	ဃ	
Variant tta (U+100B)	vttā	0=False	ဋ ဋ၌ ကဋ	G
		1=True XeTeX: "Padauk/GR:Variant tta=True"	င င၌ ကင	
Move ldot right when possible (U+1037, U+103C)	dotr	0=False	ၼ	G
		1=True XeTeX: "Padauk/GR:Move ldot right when possible=True"	ၼ	