

PDF 1.4 CMap and Unicode Mapping Files

The files in this folder contain the predefined CMap files for PDF 1.4. These files are of two types:

- *Standard CMap files* — for core CJK fonts supported by PDF 1.4, they map character codes to CID numbers. These CMaps are listed in Chapter 5 of the PDF Reference.
- *Unicode Mapping files* — map character codes to Unicode values. They use the CMap file format, but technically they are not true CMap files unless they map character codes to CID numbers. These files are provided in the download files for Acrobat Reader.

A complete list of PDF 1.4 CMap files and the associated Unicode mapping files are shown in the table on the following page. Table contents include:

- For each language, an identity CMap file is provided. That identity CMap file is named with the name of the Character Collection it supports, for example, The identity CMap for Simplified Chinese is *Adobe-GB1-4*.
- The first Unicode mapping file for each language (shown in the last column in each section) is of the form *Adobe-GB1-UCS2*, which maps from the CID numbers for the Adobe-GB1 Character Collection (for example) to Unicode values.
- Entries following the Unicode mapping file for the character collection – are ones that map from CID number, for a particular CMap encoding to a Unicode value. Technically, these files are not true PDF CMap files, though they use the same format. An example would be: *GBK-EUC-UCS2*, where *GBK-EUC* refers to a specific CMap encoding, and this file maps from the character codes for that encoding, to Unicode values.

More information on CMap files and the Adobe Character Collections can be found at:

<http://partners.adobe.com/asn/developer/technotes/main.html>

Chinese Simplified**PDF 1.4 Font CMapc****Char Code to Unicode
Mapping files**

Adobe-GB1-4	GBT-EUC-H	UniGB-UCS2-H	Adobe-GB1-UCS2
GBK-EUC-H	GBT-EUC-V	UniGB-UCS2-V	GBK-EUC-UCS2
GBK-EUC-V	GB-EUC-H	GBKp-EUC-H	GBpc-EUC-UCS2
GBpc-EUC-H	GB-EUC-V	GBKp-EUC-V	GBpc-EUC-UCS2C
GBpc-EUC-V		GB2K-H	
		GB2K-V	

Chinese Traditional**PDF 1.4 Font CMap Files****Char Code to Unicode
Mapping files**

Adobe-CNS1-4	ETen-B5-H		Adobe-CNS1-UCS2
B5pc-H	ETen-B5-V		ETen-B5-UCS2
B5pc-V	ETenms-B5-H*		B5pc-UCS2
CNS-EUC-H	ETenms-B5-V*		B5pc-UCS2C
CNS-EUC-V	(* Same as ETen-B5, but Latin		
UniCNS-UCS2-H	characters are proportional)		
UniCNS-UCS2-V			

Japan**PDF 1.4 Font CMap Files****Char Code to Unicode
Mapping files**

Adobe-Japan1-4	Add-RKSJ-H	UniJIS-UCS2-H	Adobe-Japan1-UCS2
83pv-RKSJ-H	Add-RKSJ-V	UniJIS-UCS2-V	90ms-RKSJ-UCS2
90ms-RKSJ-H	EUC-H	UniJIS-UCS2-HW-H	90pv-RKSJ-UCS2
90ms-RKSJ-V	EUC-V	UniJIS-UCS2-HW-V	90pv-RKSJ-UCS2C
90msp-RKSJ-H	Ext-RKSJ-H	H	
90msp-RKSJ-V	Ext-RKSJ-V	V	
90pv-RKSJ-H			

Korean**PDF 1.4 Font CMap Files****Char Code to Unicode
Mapping files**

Adobe-Korea1-2	KSCms-UHC-V	UniKS-UCS2-H	Adobe-Korea1-UCS2
KSCms-UHC-H	KSCpc-EUC-H	UniKS-UCS2-V	KSCms-UHC-UCS2
KSCms-UHC-HW-H	KSC-EUC-H		KSCpc-EUC-UCS2
KSCms-UHC-HW-V	KSC-EUC-V		KSCpc-EUC-UCS2C



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Template Example

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Washington, DC 20591

Department
Transportation
Federal Aviation
Administration

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Authorization Number:

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GBK-EUC-H	GBT-EUC-V	UniGB-UCS2-V	GBK-EUC-UCS2
GBK-EUC-V	GB-EUC-H	GBKp-EUC-H	GBpc-EUC-UCS2
GBpc-EUC-H	GB-EUC-V	GBKp-EUC-V	GBpc-EUC-UCS2C
GBpc-EUC-V		GB2K-H	
		GB2K-V	

Chinese Traditional**PDF 1.4 Font CMap Files****Char Code to Unicode
Mapping files**

Adobe-CNS1-4	ETen-B5-H		Adobe-CNS1-UCS2
B5pc-H	ETen-B5-V		ETen-B5-UCS2
B5pc-V	ETenms-B5-H*		B5pc-UCS2
CNS-EUC-H	ETenms-B5-V*		B5pc-UCS2C
CNS-EUC-V	(* Same as ETen-B5, but Latin characters are proportional)		
UniCNS-UCS2-H			
UniCNS-UCS2-V			

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Adobe-Japan1-4	Add-RKSJ-H	UniJIS-UCS2-H	Adobe-Japan1-UCS2
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90ms-RKSJ-H	EUC-H	UniJIS-UCS2-HW-H	90pv-RKSJ-UCS2
90ms-RKSJ-V	EUC-V	UniJIS-UCS2-HW-V	90pv-RKSJ-UCS2C
90msp-RKSJ-H	Ext-RKSJ-H	H	
90msp-RKSJ-V	Ext-RKSJ-V	V	
90pv-RKSJ-H			

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Adobe-Korea1-2	KSCms-UHC-V	UniKS-UCS2-H	Adobe-Korea1-UCS2
KSCms-UHC-H	KSCpc-EUC-H	UniKS-UCS2-V	KSCms-UHC-UCS2
KSCms-UHC-HW-H	KSC-EUC-H		KSCpc-EUC-UCS2
KSCms-UHC-HW-V	KSC-EUC-V		KSCpc-EUC-UCS2C

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GBK-EUC-V	GB-EUC-H	GBKp-EUC-H	GBpc-EUC-UCS2
GBpc-EUC-H	GB-EUC-V	GBKp-EUC-V	GBpc-EUC-UCS2C
GBpc-EUC-V		GB2K-H	
		GB2K-V	

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B5pc-H	ETen-B5-V		ETen-B5-UCS2
B5pc-V	ETenms-B5-H*		B5pc-UCS2
CNS-EUC-H	ETenms-B5-V*		B5pc-UCS2C
CNS-EUC-V	(* Same as ETen-B5, but Latin		
UniCNS-UCS2-H	characters are proportional)		
UniCNS-UCS2-V			

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90ms-RKSJ-H	EUC-H	UniJIS-UCS2-HW-H	90pv-RKSJ-UCS2
90ms-RKSJ-V	EUC-V	UniJIS-UCS2-HW-V	90pv-RKSJ-UCS2C
90msp-RKSJ-H	Ext-RKSJ-H	H	
90msp-RKSJ-V	Ext-RKSJ-V	V	
90pv-RKSJ-H			

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KSCms-UHC-H	KSCpc-EUC-H	UniKS-UCS2-V	KSCms-UHC-UCS2
KSCms-UHC-HW-H	KSC-EUC-H		KSCpc-EUC-UCS2
KSCms-UHC-HW-V	KSC-EUC-V		KSCpc-EUC-UCS2C



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