

## 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, the CMap file is named after the language. For example, The identity CMap file for Latin-1 is named *Adobe-GB1-4*.
- The first Unicode range in each section is the range of CID numbers that map to Unicode values. (for example) to the character collection — CMap encoding to a PDF CMap files, such as: *GBK-EUC-UCS2*, 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

Adobe-GB1-4  
GBK-EUC-H  
GBK-EUC-V  
GBpc-EUC-H  
GBpc-EUC-V

GBT-EUC-H  
GBT-EUC-V  
GB-EUC-H  
GB-EUC-V

UniGB-UCS2-H  
UniGB-UCS2-V  
GBKp-EUC-H  
GBKp-EUC-V  
GB2K-H  
GB2K-V

### Char Code to Unicode Mapping files

Adobe-GB1-UCS2  
GBK-EUC-UCS2  
GBpc-EUC-UCS2  
GBpc-EUC-UCS2C

## Chinese Traditional

### PDF 1.4 Font CMap Files

Adobe-CNS1-4  
B5pc-H  
B5pc-V  
CNS-EUC-H  
CNS-EUC-V  
UniCNS-UCS2-H  
UniCNS-UCS2-V

ETen-B5  
ETen-B5  
ETenms-  
ETenms-  
(\* Same  
character

### Char Code to Unicode Mapping files

Adobe-CNS1-UCS2  
Ten-B5-UCS2  
5pc-UCS2  
5pc-UCS2C

## Japan

### PDF 1.4 Font CMap Files

Adobe-Japan1-4  
83pv-RKSJ-H  
90ms-RKSJ-H  
90ms-RKSJ-V  
90msp-RKSJ-H  
90msp-RKSJ-V  
90pv-RKSJ-H

Add-RKSJ  
Add-RKSJ  
EUC-H  
EUC-V  
Ext-RKSJ-H  
Ext-RKSJ-V

UniJIS-UCS2-HW-H  
UniJIS-UCS2-HW-V  
H  
V

### Char Code to Unicode Mapping files

Adobe-Japan1-UCS2  
J0ms-RKSJ-UCS2  
90pv-RKSJ-UCS2  
90pv-RKSJ-UCS2C



## Korean

### PDF 1.4 Font CMap Files

Adobe-Korea1-2  
KSCms-UHC-H  
KSCms-UHC-HW-H  
KSCms-UHC-HW-V

KSCms-UHC-V  
KSCpc-EUC-H  
KSC-EUC-H  
KSC-EUC-V

UniKS-UCS2-H  
UniKS-UCS2-V

### Char Code to Unicode Mapping files

Adobe-Korea1-UCS2  
KSCms-UHC-UCS2  
KSCpc-EUC-UCS2  
KSCpc-EUC-UCS2C