

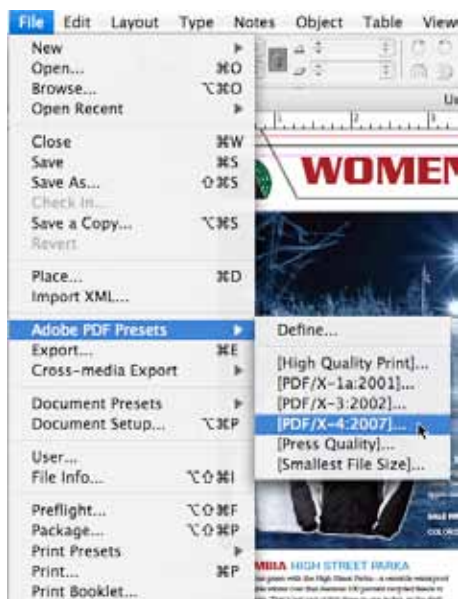
What is PDF/X-4:2007(8)

An Adobe InDesign CS3/4 Preset.

User Guide to understanding the Adobe InDesign PDF preset PDF/X-4:2007(8). Why it was created and when to select the preset.

The PDF/X standards were first developed in the mid 1990s to reduce potential errors in a print workflow. PDF/X defines a minimum standards for PDF files intended for print production.

There are several different PDF/X standards: PDF/X-1a supports CMYK and spot colors only. PDF/X-3 also supports CMYK, Spot and RGB, and also supports color management and embedded color profiles for images. Both of these PDF/X standards require that any InDesign transparency be flattened.



InDesign PDF presets are in file menu.

Flattening is a workaround necessary because many older platemaker RIPs must convert everything in a PDF file to PostScript. PostScript, the page description language that controls printers output was developed before transparency existed.

In 2006 Adobe developed and released a new method of processing PDF files containing transparency for print: *"The Adobe PDF Print Engine"*.

By keeping transparency live until separation allows for better post processing functions, like trapping*. This non-postscript method of processing print files in now in release 2.

The PDF/X-4 preset is a new version of the PDF/X standard that allows a PDF to include live transparency in the PDF file intended for print. The PDF preset is included CS 3 & 4.

Objects with transparency no longer will have to be flattened. This eliminates many of the tedious workarounds and will maintain your artwork at the highest quality until the final printing process.

PDF/X4 in Creative Suite 3 is based on the 2007 draft specification and will fail preflight in Acrobat 9. Use Acrobat 9 fix-ups in preflight.

Use this pdf preset anytime your file contains transparency.

"Wisconsin Web Offset Uses the Adobe PDF Print Engine 2 to Process files."

For additional technical support or questions contact Kim Tuyls (kim.tuyls@wwoffset.com)
21045 Enterprise • Brookfield, WI 53045 • 262-395-2000
www.wwoffset.com

* Trapping the process of creating small over laps for abutting colors and the overprinting of black.