

# graphicxpsd Package

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## Abstract

This package provides Adobe Photoshop Data format (PSD) support for **graphicx** package with **sips** (Darwin/macOS)/**convert** (ImageMagick) command.

## 1 Motivation

**graphicx** package supports already many graphics image formats as bellow.

- non-vector formats: jpg, png, bmp, and so on
- PostScript-style formats: eps, ps
- PDF-style formats: pdf, ai

However, it currently does not support Adobe Photoshop Data format (PSD).

Against that, we developed the **graphicxpsd** package to support PSD format via PSD-to-PDF conversion with the following image converters.

- **sips**: pre-installed command in Darwin/macOS
- **convert**: bundled command in ImageMagick

## 2 Loading **graphicxpsd** Package

Load **graphicxpsd** package after loading **graphicx** package.

```
\usepackage{graphicx}  
\usepackage[<options>]{graphicxpsd}
```

The list of available options is the following.

- **dvipdfmx**, **xetex**, **pdftex**, **luatex**: supported driver options; You can also give specific driver option from global option.
- **sips** (default), **imagemagick**: supported converter

### 3 Example

Typeset the following L<sup>A</sup>T<sub>E</sub>X document with LuaT<sub>E</sub>X.

```
%#!lualatex -shell-escape
\documentclass[luatex]{article}%%set luatex driver as global option
\usepackage{graphicx}
\usepackage{graphicxpsd}
\begin{document}
\includegraphics{tigerpsdfmt.psd}
\end{document}
```

Then, the result is as below.

