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Convert PDF to image

I'm trying to convert a PDF file (it's a book) into an image.

When I using *convert* like this

```
convert book.pdf book.jpg
```

or like this

```
convert book.pdf book.png
```

then I get this warning

```
warning: Short look-up table in the Indexed color space was padded with 0's
```

for each page.

Is there some other tool I can use for conversion to get a bunch of images for this, or can someone show me a different way to solve this problem?

☒ pdf ☐ conversion ☐ convert ☐ jpeg

edited Feb 3 '12 at 13:03

[Octavian Damiean](#)
10.8k ● 7 ● 43 ● 60

asked Feb 3 '12 at 3:53

[Ubuntu-Guy](#)
96 ● 1 ● 2 ● 4

1 See this answer: [askubuntu.com/a/50180/19053](#) – [dAnjou](#) Jan 9 '13 at 0:20

Or use GIMP as suggested in an answer on the same question [askubuntu.com/a/50175/40581](#) – [LiveWireBT](#) Jul 3 '14 at 14:04

2 Answers

```
convert -geometry 1600x1600 -density 200x200 -quality 100 file.pdf file.jpg
```

When converting to jpg, you can use the -quality option. The "best" quality would be -quality 100.

There is a much simpler way to split multipage pdfs into a jpg:

```
convert -quality 100 -density 600x600 multipage.pdf single%d.jpg
```

The -density option defines the quality the pdf is rendered before the convert > here 600dpi. For high quality prints you can increase that number.

The %d just before the jpg suffix is for automatic numbering of the output pages 0,1,2...

The -quality option defines the compression quality of the output jpg (0 min ... 100 max)

The .jpg suffix defines the output format. You could use .png/.jpg/.pdf

answered Feb 3 '12 at 4:12

[One Zero](#)
14.3k ● 21 ● 64 ● 103

This is working perfectly. Thank you – [Geppettvs D'Constanzo](#) Aug 29 '12 at 13:45

Thank you for the answer. – [Fahad Ahammed](#) Aug 19 at 6:58

One different way would be GhostScript:

```
gs -dNOPAUSE -dBATCH -sDEVICE=jpeg -r96 -soutputFile='page-%00d.jpg' input.pdf
```

where `-r96` is desired dpi resolution

Output are multiple JPEG images.

You can generate transparent PNGs also if you wish:

```
gs -dNOPAUSE -dBATCH -sDEVICE=pngalpha -r96 -soutputFile='page-%00d.png' input.pdf
```

edited Apr 18 '15 at 0:38

[Seth](#) ♦

27.4k ● 21 ● 101 ● 152

answered Feb 3 '12 at 4:26

[zetah](#)

5,049 ● 5 ● 34 ● 63

Very good method – [Sabacon](#) Feb 3 '12 at 13:36

2 +1 for not using imagemagick – [TheHippo](#) Aug 7 '12 at 14:16

How to make the background of the images white instead of transparent? – [Rasoul](#) Feb 4 '14 at 20:20

Don't use pngalpha device? – [zetah](#) Feb 4 '14 at 21:18

How to define width in this? Width needs to be defined and height needs to be auto based on aspect ratio. – [Vivek Sancheti](#) Mar 14 '16 at 6:32

protected by [Community](#) ♦ Jul 4 '14 at 10:14

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