Converting Colors

RGB(206, 132, 230)

Have a look what the booklet for RGB(206, 132, 230) contains.

Color

RGB(206, 132, 230)

Conversions

Conversions Part 1

Format	Color
Hex	CE84E6
RGB	206, 132, 230
RGB Percent	81%, 52%, 90%
CMY	0.1922, 0.4824, 0.0980
CMYK	0.10, 0.43, 0.00, 0.10
HSL	285°, 66%, 71%
HSV	285°, 43%, 90%
XYZ	47.9878, 35.3375, 79.1545
YIQ	165.2980, 12.6460, 46.1660

Conversions

Conversions Part 2

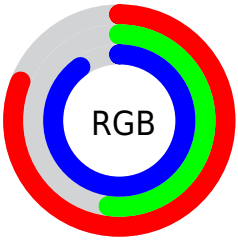
Format	Color
RYB	206, 132, 230
Decimal	13534438
CIELab	66.01, 44.64, -38.44
CIELCh	66, 58.910, 319.274
Yxy	35.3375, 0.2953, 0.2175
Android (android.graphics.Color)	4291724518 (0xFFCE84E6)
YUV	165.2980, 31.8981, 35.6957
Hunter-Lab	59.4454, 40.0663, -37.3359

Details

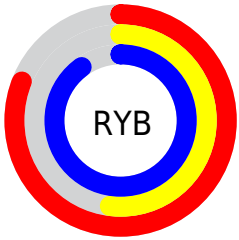
The RGB color 206, 132, 230 is a light color, and the websafe version is hex CC99FF. A complement of this color would be 156, 230, 132, and the grayscale version is 165, 165, 165.

A 20% lighter version of the original color is 255, 187, 255, and 150, 80, 174 is the 20% darker color. If you saturate the color by 10%, you get 200, 109, 230, and if you desaturate by 10%, it is 212, 155, 230.

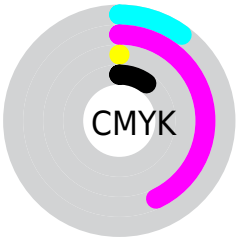
Distribution



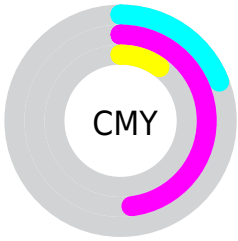
- Red (81%)
- Green (52%)
- Blue (90%)



- Red (81%)
- Yellow (52%)
- Blue (90%)



- Cyan (10%)
- Magenta (43%)
- Yellow (0%)
- Black (10%)



- Cyan (19%)
- Magenta (48%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the RGB color 206, 132, 230 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the RGB color 206, 132, 230 by changing the saturation by 10% instead.

206, 132, 230

255, 255, 255

255, 187, 255

255, 215, 255

255, 244, 255

206, 132, 230

178, 106, 202

150, 80, 174

123, 55, 147

96, 29, 121

70, 0, 96

45, 0, 72

21, 0, 49

0, 1, 26

0, 0, 0

206, 132, 230

200, 109, 230

195, 86, 230

189, 63, 230

183, 40, 230

178, 17, 230

174, 0, 230

206, 132, 230

212, 155, 230

217, 178, 230

223, 201, 230

229, 224, 230

234, 247, 230

240, 255, 230

245, 255, 230

251, 255, 230

255, 255, 230

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.

128, 154, 255

206, 132, 230

247, 115, 182

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.

206, 132, 230

205, 151, 50

0, 186, 194

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.

206, 132, 230

156, 230, 132

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.

0, 185, 139

206, 132, 230

156, 168, 52

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.

206, 132, 230

241, 130, 82

93, 179, 88

0, 182, 240

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.

206, 132, 230

255, 112, 146

93, 179, 88

0, 186, 176

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.

206, 132, 230

247, 222, 255

132, 156, 230

123, 107, 128

0, 0, 0

128, 128, 128

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.

206, 132, 230

223, 125, 255

230, 132, 206

112, 103, 115

135, 0, 179

39, 0, 51

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.

230, 132, 156

255, 125, 157

132, 230, 156

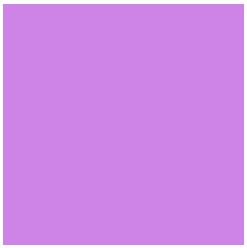
115, 103, 106

179, 0, 44

51, 0, 12

Previews

White Background

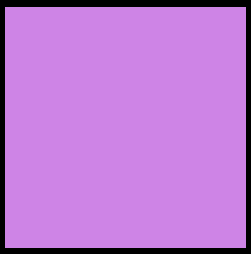


This preview shows how the RGB color 206, 132, 230 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail
Any Text WCAG AA × Fail
Large Text (above 18pt) WCAG AAA × Fail
Any Text WCAG AAA × Fail

Black Background



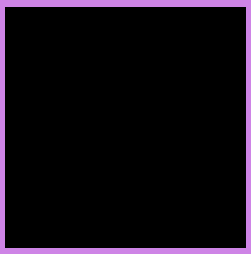
This preview shows how the RGB color 206, 132, 230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the Color Contrast Checker.

RGB 206, 132, 230 Background



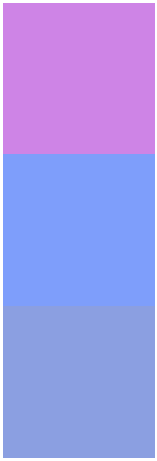
This preview shows how black text looks on a background with the RGB color 206, 132, 230.

This preview shows how white text looks on a background with the RGB color 206, 132, 230.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their article about color blindness.

Dichromacy



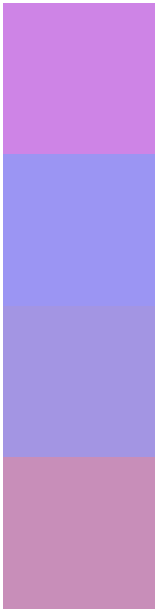
Original Color
206, 132, 230

Protanopia
126, 158, 251

Deuteranopia
139, 159, 225

Tritanopia
196, 148, 159

Trichromacy



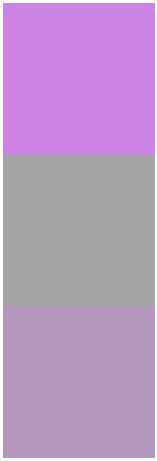
Original Color
206, 132, 230

Protanomaly
155, 149, 243

Deuteranomaly
163, 149, 227

Tritanomaly
200, 142, 185

Monochromacy



Original Color
206, 132, 230

Achromatopsia
165, 165, 165

Achromatomaly
180, 153, 189

CSS Examples

Text

The CSS property to change the color of the text to RGB 206, 132, 230 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(206, 132, 230) looks like.

```
.text, #text, p{
    color:rgb(206, 132, 230)
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our CSS Text Shadow Generator.

Here you see how black text with a 4 pixel rgb(206, 132, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 132, 230) }
```

Border

The CSS property to change the border of an element to RGB 206, 132, 230 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(206, 132, 230) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(206, 132, 230) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(206, 132, 230) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(206, 132, 230); -webkit-box-shadow:4px 4px 4px 4px rgb(206, 132, 230); box-shadow:4px 4px 4px 4px rgb(206, 132, 230) }
```

Background

The CSS property to change the background color of an element to RGB 206, 132, 230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(206, 132, 230) }
```

If only the background color should be changed can be used:

```
.background{ background-color:rgb(206,
132, 230) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our online CSS compressor and optimizer based on csstidy. If you want to create a linear or radial gradient as background or border, check our CSS Gradient Generator.

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