Converting Colors

RGB(218, 180, 214)

Have a look what the booklet for RGB(218, 180, 214) contains.

Color

RGB(218, 180, 214)

Conversions

Conversions Part 1

Format	Color
Hex	DAB4D6
RGB	218, 180, 214
RGB Percent	85%, 71%, 84%
CMY	0.1451, 0.2941, 0.1608
CMYK	0.00, 0.17, 0.02, 0.15
HSL	306°, 34%, 78%
HSV	306°, 17%, 85%
XYZ	57.3723, 52.4030, 70.7093
YIQ	195.2380, 11.7340, 18.6300

Conversions

Conversions Part 2

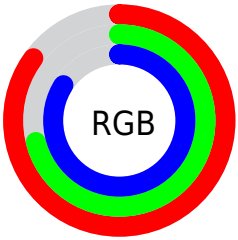
Format	Color
RYB	218, 180, 214
Decimal	14333142
CIELab	77.52, 19.45, -11.95
CIELCh	78, 22.832, 328.436
Yxy	52.4030, 0.3179, 0.2903
Android (android.graphics.Color)	4292523222 (0xFFDAB4D6)
YUV	195.2380, 9.2497, 19.9623
Hunter-Lab	72.3899, 14.7871, -7.2406

Details

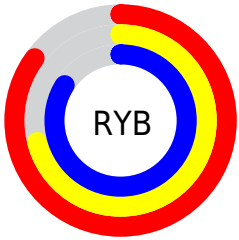
The RGB color 218, 180, 214 is a light color, and the websafe version is hex CC99CC. A complement of this color would be 180, 218, 184, and the grayscale version is 195, 195, 195.

A 20% lighter version of the original color is 255, 236, 255, and 163, 127, 159 is the 20% darker color. If you saturate the color by 10%, you get 218, 158, 212, and if you desaturate by 10%, it is 218, 202, 216.

Distribution

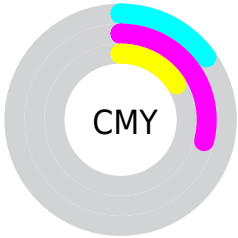


- Red (85%)
- Green (71%)
- Blue (84%)



- Red (85%)
- Yellow (71%)
- Blue (84%)

- Cyan (0%)
- Magenta (17%)
- Yellow (2%)
- Black (15%)



- Cyan (15%)
- Magenta (29%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the RGB color 218, 180, 214 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 218, 180, 214 by changing the saturation by 10% instead.

218, 180, 214

255, 255, 255

255, 236, 255

218, 180, 214

190, 153, 186

163, 127, 159

136, 102, 133

111, 78, 108

86, 54, 84

62, 32, 60

40, 11, 39

14, 0, 17

0, 0, 0

218, 180, 214	218, 180, 214
218, 158, 212	218, 202, 216
218, 136, 209	218, 224, 219
218, 115, 207	218, 245, 221
218, 93, 205	218, 255, 223
218, 71, 203	218, 255, 225
218, 49, 200	218, 255, 228
218, 27, 198	218, 255, 230
218, 6, 196	218, 255, 232
218, 0, 195	218, 255, 235

Harmonies

Analogous

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

194, 186, 229

218, 180, 214

232, 177, 193

Triad

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

218, 180, 214

209, 190, 149

133, 203, 211

Complementary

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

218, 180, 214

180, 218, 184

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.

141, 204, 190

218, 180, 214

186, 196, 154

Square

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

218, 180, 214

226, 183, 156

162, 201, 169

142, 200, 227

Rectangle

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

218, 180, 214

236, 177, 179

162, 201, 169

134, 204, 204

Sweetspot

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

218, 180, 214

255, 242, 254

184, 180, 218

128, 120, 127

0, 0, 0

128, 128, 128

Same Dimension

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

218, 180, 214

255, 201, 249

218, 180, 195

110, 99, 108

173, 0, 155

46, 0, 41

Inverse Universe

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

218, 180, 214

255, 201, 249

180, 218, 203

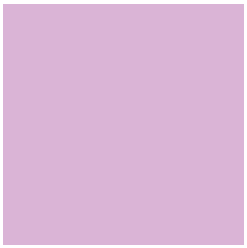
110, 99, 108

173, 0, 155

46, 0, 41

Previews

White Background

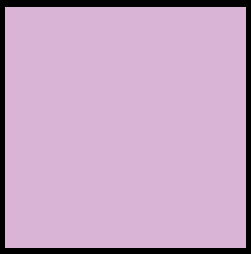


This preview shows how the RGB color 218, 180, 214 looks on a white background.

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



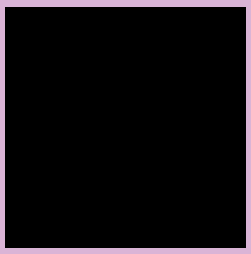
This preview shows how the RGB color 218, 180, 214 looks on a black background.

Color Contrast Check

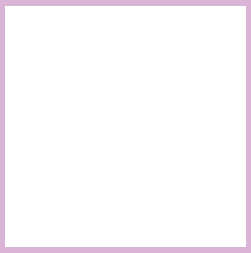
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

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

RGB 218, 180, 214 Background



This preview shows how black text looks on a background with the RGB color 218, 180, 214.



This preview shows how white text looks on a background with the RGB color 218, 180, 214.

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

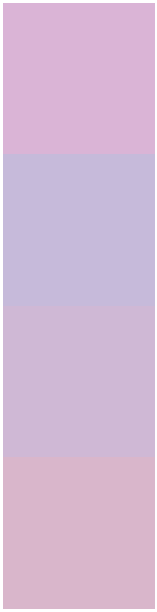
Original Color
218, 180, 214

Protanopia
186, 190, 221

Deuteranopia
201, 187, 213

Tritanopia
216, 183, 197

Trichromacy



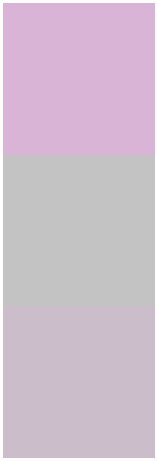
Original Color
218, 180, 214

Protanomaly
198, 186, 218

Deuteranomaly
207, 184, 213

Tritanomaly
217, 182, 203

Monochromacy



Original Color
218, 180, 214

Achromatopsia
195, 195, 195

Achromatomaly
203, 190, 202

CSS Examples

Text

The CSS property to change the color of the text to RGB 218, 180, 214 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(218, 180, 214) looks like.

```
.text, #text, p{
    color:rgb(218, 180, 214)
}
```

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(218, 180, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 180, 214) }
```

Border

The CSS property to change the border of an element to RGB 218, 180, 214 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(218, 180, 214) }
```

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

```
.border{ border-color:rgb(218, 180, 214) }
```

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

Here you see how a box with a 4 pixel rgb(218, 180, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(218, 180, 214); -webkit-box-shadow:4px 4px 4px 4px rgb(218, 180, 214); box-shadow:4px 4px 4px 4px rgb(218, 180, 214) }
```

Background

The CSS property to change the background color of an element to RGB 218, 180, 214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(218, 180, 214) }
```

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

```
.background{ background-color:rgb(218,
180, 214) }
```

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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