Converting Colors

RGB(210, 138, 191)

Have a look what the booklet for RGB(210, 138, 191) contains.

Color

RGB(210, 138, 191)

Conversions

Conversions Part 1

Format	Color
Hex	D28ABF
RGB	210, 138, 191
RGB Percent	82%, 54%, 75%
CMY	0.1765, 0.4588, 0.2510
CMYK	0.00, 0.34, 0.09, 0.18
HSL	316°, 44%, 68%
HSV	316°, 34%, 82%
XYZ	45.0708, 35.6402, 53.7940
YIQ	165.5700, 25.8990, 31.7470

Conversions

Conversions Part 2

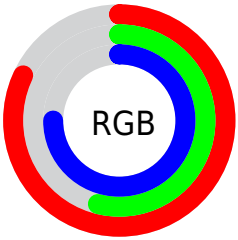
Format	Color
RYB	210, 138, 191
Decimal	13798079
CIELab	66.24, 35.40, -16.31
CIELCh	66, 38.977, 335.266
Yxy	35.6402, 0.3351, 0.2650
Android (android.graphics.Color)	4291988159 (0xFFD28ABF)
YUV	165.5700, 12.5370, 38.9651
Hunter-Lab	59.6994, 30.2868, -11.6355

Details

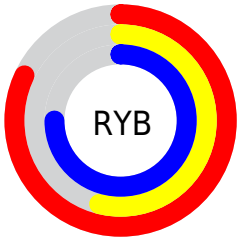
The RGB color 210, 138, 191 is a light color, and the websafe version is hex CC99CC. A complement of this color would be 138, 210, 157, and the grayscale version is 165, 165, 165.

A 20% lighter version of the original color is 255, 192, 247, and 154, 86, 138 is the 20% darker color. If you saturate the color by 10%, you get 210, 117, 185, and if you desaturate by 10%, it is 210, 159, 197.

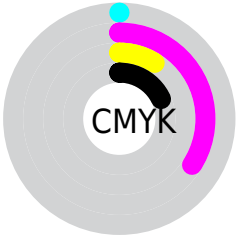
Distribution



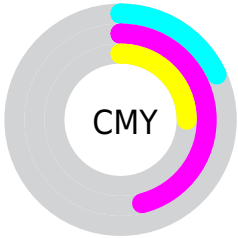
- Red (82%)
- Green (54%)
- Blue (75%)



- Red (82%)
- Yellow (54%)
- Blue (75%)



- Cyan (0%)
- Magenta (34%)
- Yellow (9%)
- Black (18%)



- Cyan (18%)
- Magenta (46%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the RGB color 210, 138, 191 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 210, 138, 191 by changing the saturation by 10% instead.

210, 138, 191	210, 138, 191
255, 255, 255	182, 112, 164
255, 192, 247	154, 86, 138
255, 221, 255	127, 62, 112
255, 249, 255	101, 37, 87
	76, 11, 64
	52, 0, 42
	28, 0, 21
	0, 0, 0

210, 138, 191	210, 138, 191

210, 117, 185

210, 96, 180

210, 75, 174

210, 54, 169

210, 33, 163

210, 12, 158

210, 0, 155

210, 159, 197

210, 180, 202

210, 201, 208

210, 222, 213

210, 243, 219

210, 255, 224

210, 255, 230

210, 255, 235

210, 255, 241

Harmonies

Analogous

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

173, 150, 218

210, 138, 191

228, 133, 156

Triad

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

210, 138, 191

178, 161, 90

0, 178, 200

Complementary

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

210, 138, 191

138, 210, 157

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.

37, 180, 166

210, 138, 191

140, 171, 102

Square

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

210, 138, 191

207, 149, 98

97, 177, 131

46, 172, 224

Rectangle

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

210, 138, 191

228, 135, 133

97, 177, 131

0, 179, 190

Sweetspot

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

210, 138, 191

255, 230, 248

156, 138, 210

128, 112, 123

0, 0, 0

128, 128, 128

Same Dimension

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

210, 138, 191

255, 150, 227

210, 138, 156

105, 94, 102

168, 0, 124

41, 0, 30

Inverse Universe

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

210, 138, 191

255, 150, 227

138, 210, 192

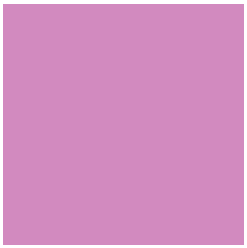
105, 94, 102

168, 0, 124

41, 0, 30

Previews

White Background

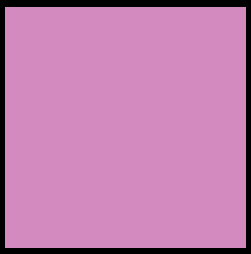


This preview shows how the RGB color 210, 138, 191 looks on a white background.

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



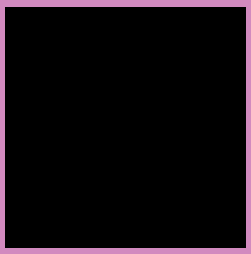
This preview shows how the RGB color 210, 138, 191 looks on a black background.

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 210, 138, 191 Background



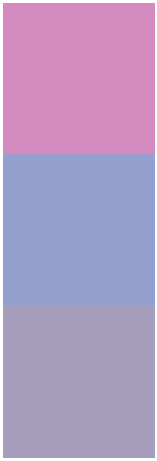
This preview shows how black text looks on a background with the RGB color 210, 138, 191.

This preview shows how white text looks on a background with the RGB color 210, 138, 191.

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



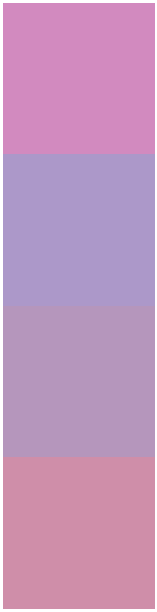
Original Color
210, 138, 191

Protanopia
150, 160, 206

Deuteranopia
165, 157, 187

Tritanopia
206, 145, 156

Trichromacy



Original Color
210, 138, 191

Protanomaly
172, 152, 201

Deuteranomaly
181, 150, 188

Tritanomaly
207, 142, 169

Monochromacy

Original Color
210, 138, 191

Achromatopsia
166, 166, 166

Achromatomaly
182, 156, 175

CSS Examples

Text

The CSS property to change the color of the text to RGB 210, 138, 191 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(210, 138, 191) looks like.

```
.text, #text, p{
    color:rgb(210, 138, 191)
}
```

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(210, 138, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 138, 191) }
```

Border

The CSS property to change the border of an element to RGB 210, 138, 191 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(210, 138, 191) }
```

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

```
.border{ border-color:rgb(210, 138, 191) }
```

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

Here you see how a box with a 4 pixel rgb(210, 138, 191) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(210, 138, 191); -webkit-box-shadow:4px 4px 4px 4px rgb(210, 138, 191); box-shadow:4px 4px 4px 4px rgb(210, 138, 191) }
```

Background

The CSS property to change the background color of an element to RGB 210, 138, 191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(210, 138, 191) }
```

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

```
.background{ background-color:rgb(210,
138, 191) }
```

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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