

Converting Colors

RGB(218, 201, 234)

Have a look what the booklet for
RGB(218, 201, 234) contains.

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Color

RGB(218, 201, 234)

Conversions

Conversions Part 1

Format	Color
Hex	DAC9EA
RGB	218, 201, 234
RGB Percent	85%, 79%, 92%
CMY	0.1451, 0.2118, 0.0824
CMYK	0.07, 0.14, 0.00, 0.08
HSL	271°, 44%, 85%
HSV	271°, 14%, 92%
XYZ	64.6514, 62.6192, 86.5211
YIQ	209.8450, -0.4610, 13.8670

Conversions

Conversions Part 2

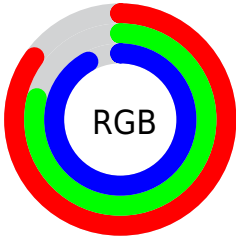
Format	Color
R _Y B	218, 201, 234
Decimal	14338538
CIE Lab	83.24, 11.96, -14.14
CIE LCh	83, 18.521, 310.228
Yxy	62.6192, 0.3024, 0.2929
Android (android.graphics.Color)	4292528618 (0xFFDAC9EA)
YUV	209.8450, 11.9084, 7.1519
Hunter-Lab	79.1323, 7.3536, -9.4335

Details

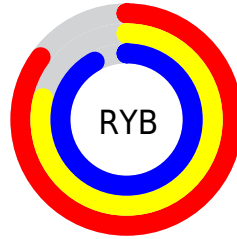
The RGB color **218, 201, 234** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **217, 234, 201**, and the grayscale version is **210, 210, 210**.

A 20% lighter version of the original color is 255, 255, 255, and **163, 147, 178** is the 20% darker color. If you saturate the color by 10%, you get **207, 178, 234**, and if you desaturate by 10%, it is **229, 224, 234**.

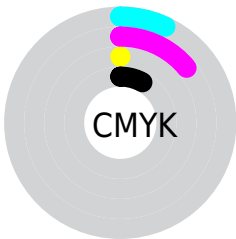
Distribution



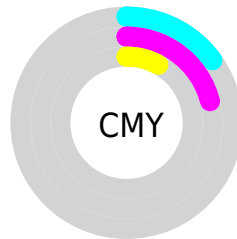
- Red (85%)
- Green (79%)
- Blue (92%)



- Red (85%)
- Yellow (79%)
- Blue (92%)



- Cyan (7%)
- Magenta (14%)
- Yellow (0%)
- Black (8%)



- Cyan (15%)
- Magenta (21%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the RGB color 218, 201, 234 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, 201, 234 by changing the saturation by 10% instead.

■ 218, 201, 234

255, 255, 255

■ 218, 201, 234

■ 190, 174, 206

■ 163, 147, 178

■ 137, 121, 152

■ 111, 96, 126

■ 87, 73, 101

■ 63, 50, 77


■ 41, 29, 54

■ 22, 4, 33

■ 0, 0, 6

 218, 201, 234


 218, 201, 234

 207, 178, 234


 229, 224, 234

 195, 154, 234


 241, 248, 234


 184, 131, 234

 252, 255, 234

 173, 107, 234


 255, 255, 234

 161, 84, 234

 150, 61, 234

 139, 37, 234

 127, 14, 234

 121, 0, 234

Harmonies

Analogous

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



196, 207, 241



218, 201, 234



235, 197, 220

Triad

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



218, 201, 234



232, 202, 175



164, 218, 213

Complementary

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



218, 201, 234



217, 234, 201

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.



176, 217, 195



218, 201, 234



215, 208, 173

Square

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



218, 201, 234



242, 198, 186



195, 213, 180



163, 216, 229

Rectangle

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



218, 201, 234



242, 195, 208



195, 213, 180



167, 218, 207

Sweetspot

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



218, 201, 234



250, 245, 255



201, 218, 234



124, 121, 128



0, 0, 0



128, 128, 128

Same Dimension

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



218, 201, 234



234, 212, 255



234, 201, 234



112, 106, 117



93, 0, 181



28, 0, 54

Inverse Universe

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



234, 201, 217



255, 212, 233



201, 234, 201



117, 106, 111



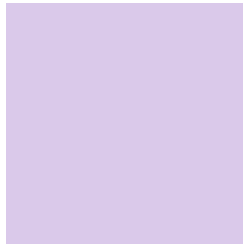
181, 0, 88



54, 0, 26

Previews

White Background



This preview shows how the RGB color 218, 201, 234 looks on a white background.

Color Contrast Check

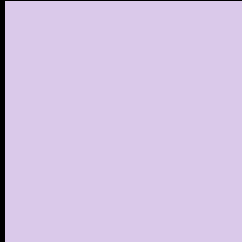
Large Text (above 18pt) WCAG AA × Fail

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, 201, 234 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

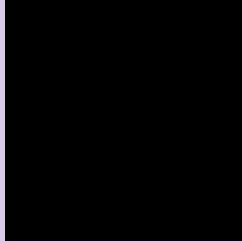
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

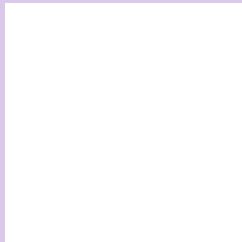
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 218, 201, 234 Background



This preview shows how black text looks on a background with the RGB color 218, 201, 234.



This preview shows how white text looks on a background with the RGB color 218, 201, 234.

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, 201, 234

Protanopia
202, 206, 237

Deuteranopia
215, 202, 234



Tritanopia
216, 203, 219

Trichromacy



Original Color

218, 201, 234

Protanomaly

208, 204, 236

Deuteranomaly

216, 202, 234

Tritanomaly

217, 202, 224

Monochromacy



Original Color

218, 201, 234

Achromatopsia

210, 210, 210

Achromatomaly

213, 207, 219

CSS Examples

Text

The CSS property to change the color of the text to RGB 218, 201, 234 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, 201, 234)` looks like.

```
.text, #text, p{  
    color:rgb(218, 201, 234)  
}
```

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, 201, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 201, 234) }
```

Border

The CSS property to change the border of an element to RGB 218, 201, 234 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, 201, 234) }
```

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

```
.border{ border-color:rgb(218, 201, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 201, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(218, 201, 234); -webkit-box-shadow:4px 4px 4px 4px rgb(218, 201, 234); box-shadow:4px 4px 4px 4px rgb(218, 201, 234) }
```

Background

The CSS property to change the background color of an element to RGB 218, 201, 234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 201, 234) }
```

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

```
.background{ background-color: rgb(218,  
201, 234) }
```

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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