

Converting Colors

RGB(218, 202, 247)

Have a look what the booklet for
RGB(218, 202, 247) contains.

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Color

RGB(218, 202, 247)

Conversions

Conversions Part 1

Format	Color
Hex	DACAF7
RGB	218, 202, 247
RGB Percent	85%, 79%, 97%
CMY	0.1451, 0.2078, 0.0314
CMYK	0.12, 0.18, 0.00, 0.03
HSL	261°, 74%, 88%
HSV	261°, 18%, 97%
XYZ	66.8225, 63.8619, 96.8003
YIQ	211.9140, -4.9090, 17.3870

Conversions

Conversions Part 2

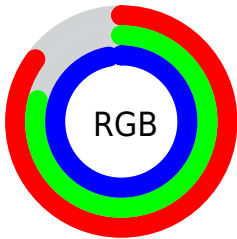
Format	Color
R _{YB}	218, 202, 247
Decimal	14338807
CIE Lab	83.89, 14.02, -20.08
CIE LCh	84, 24.489, 304.921
Yxy	63.8619, 0.2937, 0.2807
Android (android.graphics.Color)	4292528887 (0xFFDACAF7)
YUV	211.9140, 17.2974, 5.3374
Hunter-Lab	79.9136, 9.4099, -15.8791

Details

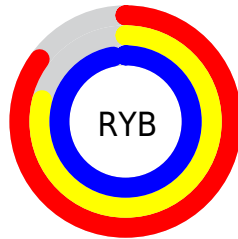
The RGB color **218, 202, 247** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **231, 247, 202**, and the grayscale version is **212, 212, 212**.

A 20% lighter version of the original color is 255, 255, 255, and **163, 148, 191** is the 20% darker color. If you saturate the color by 10%, you get **202, 177, 247**, and if you desaturate by 10%, it is **234, 227, 247**.

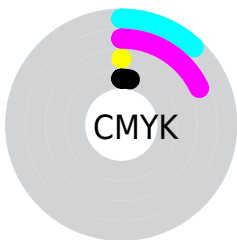
Distribution



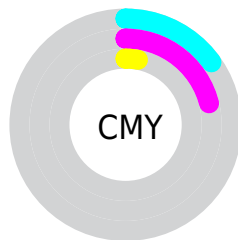
- Red (85%)
- Green (79%)
- Blue (97%)



- Red (85%)
- Yellow (79%)
- Blue (97%)



- Cyan (12%)
- Magenta (18%)
- Yellow (0%)
- Black (3%)



- Cyan (15%)
- Magenta (21%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the RGB color 218, 202, 247 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, 202, 247 by changing the saturation by 10% instead.

■ 218, 202, 247

255, 255, 255

■ 218, 202, 247

■ 190, 175, 218

■ 163, 148, 191

■ 136, 122, 163

■ 111, 97, 137

■ 86, 73, 112

■ 62, 51, 87

■ 39, 30, 64

■ 20, 6, 42

■ 0, 1, 20

■ 218, 202, 247

■ 218, 202, 247

■ 202, 177, 247

■ 234, 227, 247

■ 186, 153, 247

■ 250, 251, 247

■ 170, 128, 247

■ 255, 255, 247

■ 154, 103, 247

■ 138, 78, 247

■ 122, 54, 247

■ 107, 29, 247

■ 91, 4, 247

■ 88, 0, 247

Harmonies

Analogous

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



187, 210, 255



218, 202, 247



242, 195, 229

Triad

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



218, 202, 247



244, 201, 168



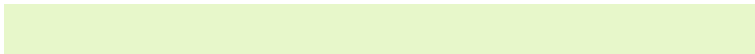
151, 222, 212

Complementary

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



218, 202, 247



231, 247, 202

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.



171, 221, 189



218, 202, 247



223, 209, 163

Square

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



218, 202, 247



255, 195, 184



197, 216, 171



145, 221, 235

Rectangle

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



218, 202, 247



253, 193, 214



197, 216, 171



157, 222, 204

Sweetspot

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



218, 202, 247



247, 242, 255



202, 231, 247



123, 120, 128



0, 0, 0



128, 128, 128

Same Dimension

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



218, 202, 247



219, 199, 255



240, 202, 247



115, 110, 122



66, 0, 186



21, 0, 59

Inverse Universe

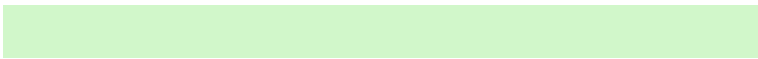
The Inverse Universe completely reimagines the original color for something new.



247, 202, 231



255, 199, 235



209, 247, 202



122, 110, 118



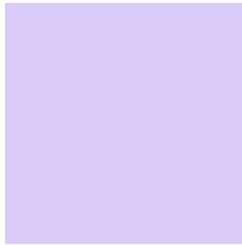
186, 0, 120



59, 0, 38

Previews

White Background



This preview shows how the RGB color 218, 202, 247 looks on a white background.

Color Contrast Check

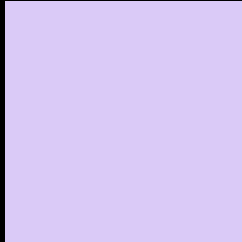
Large Text (above 18pt) WCAG AA × Fail

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, 202, 247 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

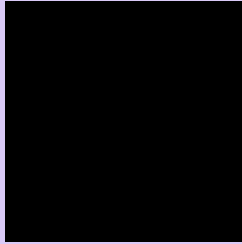
Any Text WCAG AA ✓ Pass

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, 202, 247 Background



This preview shows how black text looks on a background with the RGB color 218, 202, 247.



This preview shows how white text looks on a background with the RGB color 218, 202, 247.

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, 202, 247

Protanopia
200, 207, 251

Deuteranopia
211, 204, 247



Tritanopia
214, 206, 223

Trichromacy



Original Color
218, 202, 247

Protanomaly
207, 205, 250

Deuteranomaly
214, 203, 247

Tritanomaly
215, 205, 232

Monochromacy



Original Color
218, 202, 247

Achromatopsia
212, 212, 212

Achromatomaly
214, 208, 225

CSS Examples

Text

The CSS property to change the color of the text to RGB 218, 202, 247 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, 202, 247)` looks like.

```
.text, #text, p{  
    color:rgb(218, 202, 247)  
}
```

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, 202, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 202, 247) }
```

Border

The CSS property to change the border of an element to RGB 218, 202, 247 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, 202, 247) }
```

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

```
.border{ border-color:rgb(218, 202, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 202, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 202, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 202, 247);  
box-shadow:4px 4px 4px 4px rgb(218, 202,  
247) }
```

Background

The CSS property to change the background color of an element to RGB 218, 202, 247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 202, 247) }
```

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

```
.background{ background-color: rgb(218,  
202, 247) }
```

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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