

Converting Colors

RGB(208, 202, 252)

Have a look what the booklet for
RGB(208, 202, 252) contains.

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Color

RGB(208, 202, 252)

Conversions

Conversions Part 1

Format	Color
Hex	D0CAFC
RGB	208, 202, 252
RGB Percent	82%, 79%, 99%
CMY	0.1843, 0.2078, 0.0118
CMYK	0.17, 0.20, 0.00, 0.01
HSL	247°, 89%, 89%
HSV	247°, 20%, 99%
XYZ	64.7036, 62.6792, 100.7835
YIQ	209.4940, -12.4740, 16.8220

Conversions

Conversions Part 2

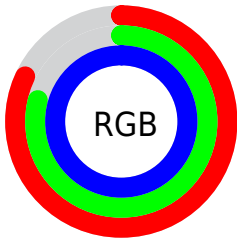
Format	Color
R _Y B	208, 202, 252
Decimal	13683452
CIE Lab	83.27, 11.94, -23.75
CIE LCh	83, 26.585, 296.695
Yxy	62.6792, 0.2836, 0.2747
Android (android.graphics.Color)	4291873532 (0xFFD0CAFC)
YUV	209.4940, 20.9555, -1.3102
Hunter-Lab	79.1702, 7.3353, -20.0569

Details

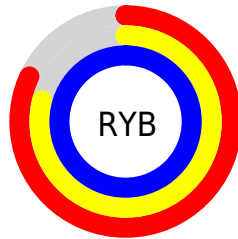
The RGB color **208, 202, 252** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **246, 252, 202**, and the grayscale version is **209, 209, 209**.

A 20% lighter version of the original color is 255, 255, 255, and **153, 148, 195** is the 20% darker color. If you saturate the color by 10%, you get **186, 177, 252**, and if you desaturate by 10%, it is **230, 227, 252**.

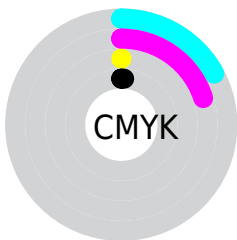
Distribution



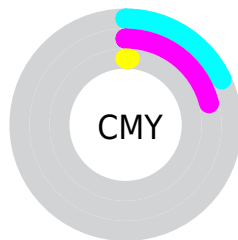
- Red (82%)
- Green (79%)
- Blue (99%)



- Red (82%)
- Yellow (79%)
- Blue (99%)



- Cyan (17%)
- Magenta (20%)
- Yellow (0%)
- Black (1%)



- Cyan (18%)
- Magenta (21%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the RGB color 208, 202, 252 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 208, 202, 252 by changing the saturation by 10% instead.

■ 208, 202, 252

255, 255, 255

■ 208, 202, 252

■ 180, 175, 223

■ 153, 148, 195

■ 127, 122, 168

■ 101, 97, 141

■ 76, 74, 116

■ 53, 51, 91

■ 29, 30, 67

■ 8, 6, 45

■ 0, 1, 24

■ 208, 202, 252

■ 208, 202, 252

■ 186, 177, 252

■ 230, 227, 252

■ 164, 152, 252

■ 252, 252, 252

■ 141, 126, 252

■ 255, 255, 252

■ 119, 101, 252

■ 97, 76, 252

■ 75, 51, 252

■ 53, 26, 252

■ 31, 0, 252

■ 30, 0, 252

Harmonies

Analogous

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



174, 211, 255



208, 202, 252



237, 194, 235

Triad

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



208, 202, 252



249, 197, 167



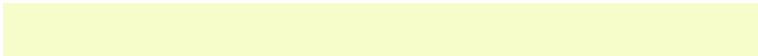
149, 222, 204

Complementary

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



208, 202, 252



246, 252, 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.



174, 219, 179



208, 202, 252



229, 205, 158

Square

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



208, 202, 252



255, 191, 186



202, 213, 162



136, 221, 229

Rectangle

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



208, 202, 252



251, 191, 220



202, 213, 162



156, 221, 195

Sweetspot

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



208, 202, 252



242, 240, 255



202, 246, 252



120, 119, 128



0, 0, 0



128, 128, 128

Same Dimension

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



208, 202, 252



201, 194, 255



233, 202, 252



114, 112, 125



23, 0, 189



7, 0, 61

Inverse Universe

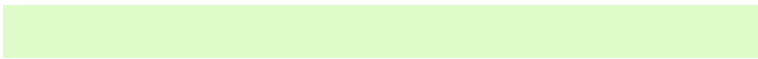
The Inverse Universe completely reimagines the original color for something new.



252, 202, 246



255, 194, 248



221, 252, 202



125, 112, 123



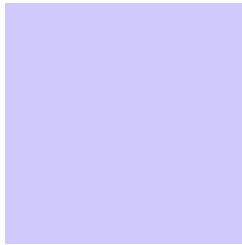
189, 0, 166



61, 0, 54

Previews

White Background



This preview shows how the RGB color 208, 202, 252 looks on a white background.

Color Contrast Check

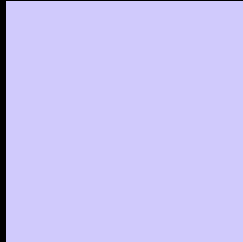
Large Text (above 18pt) WCAG AA × Fail

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 208, 202, 252 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

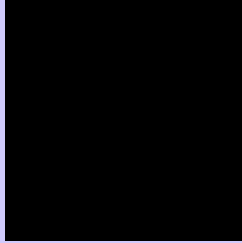
Any Text WCAG AA ✓ Pass

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 208, 202, 252 Background



This preview shows how black text looks on a background with the RGB color 208, 202, 252.



This preview shows how white text looks on a background with the RGB color 208, 202, 252.

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
208, 202, 252

Protanopia
196, 205, 254

Deuteranopia
205, 203, 252



Tritanopia
203, 207, 223

Trichromacy



Original Color

208, 202, 252

Protanomaly

200, 204, 253

Deuteranomaly

206, 203, 252

Tritanomaly

205, 205, 234

Monochromacy



Original Color

208, 202, 252

Achromatopsia

209, 209, 209

Achromatomaly

209, 206, 225

CSS Examples

Text

The CSS property to change the color of the text to RGB 208, 202, 252 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(208, 202, 252)` looks like.

```
.text, #text, p{  
    color:rgb(208, 202, 252)  
}
```

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(208, 202, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 202, 252) }
```

Border

The CSS property to change the border of an element to RGB 208, 202, 252 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(208, 202, 252) }
```

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

```
.border{ border-color:rgb(208, 202, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 202, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(208, 202, 252); -webkit-box-shadow:4px 4px 4px 4px rgb(208, 202, 252); box-shadow:4px 4px 4px 4px rgb(208, 202, 252) }
```

Background

The CSS property to change the background color of an element to RGB 208, 202, 252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 202, 252) }
```

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

```
.background{ background-color: rgb(208,  
202, 252) }
```

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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