

Converting Colors

RGB(205, 196, 249)

Have a look what the booklet for
RGB(205, 196, 249) contains.

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Color

RGB(205, 196, 249)

Conversions

Conversions Part 1

Format	Color
Hex	CDC4F9
RGB	205, 196, 249
RGB Percent	80%, 77%, 98%
CMY	0.1961, 0.2314, 0.0235
CMYK	0.18, 0.21, 0.00, 0.02
HSL	250°, 82%, 87%
HSV	250°, 21%, 98%
XYZ	62.0156, 59.2985, 97.7997
YIQ	204.7330, -11.6490, 18.3910

Conversions

Conversions Part 2

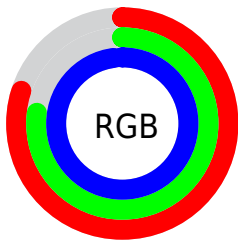
Format	Color
RYB	205, 196, 249
Decimal	13485305
CIELab	81.46, 13.60, -24.94
CIElCh	81, 28.411, 298.604
Yxy	59.2985, 0.2830, 0.2706
Android (android.graphics.Color)	4291675385 (0xFFCDC4F9)
YUV	204.7330, 21.8236, 0.2342
Hunter-Lab	77.0055, 8.9935, -21.3965

Details

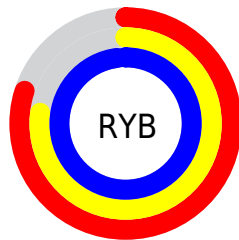
The RGB color **205, 196, 249** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **240, 249, 196**, and the grayscale version is **205, 205, 205**.

A 20% lighter version of the original color is 255, 253, 255, and **150, 142, 192** is the 20% darker color. If you saturate the color by 10%, you get **184, 171, 249**, and if you desaturate by 10%, it is **226, 221, 249**.

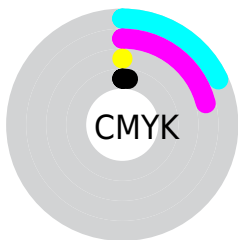
Distribution



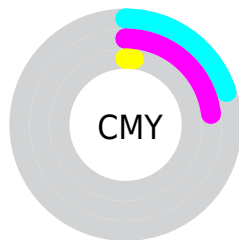
- Red (80%)
- Green (77%)
- Blue (98%)



- Red (80%)
- Yellow (77%)
- Blue (98%)



- Cyan (18%)
- Magenta (21%)
- Yellow (0%)
- Black (2%)



- Cyan (20%)
- Magenta (23%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the RGB color 205, 196, 249 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 205, 196, 249 by changing the saturation by 10% instead.

■ 205, 196, 249

255, 255, 255

■ 255, 253, 255

■ 205, 196, 249

■ 177, 169, 220

■ 150, 142, 192

■ 124, 117, 165

■ 98, 92, 139


■ 74, 69, 113

■ 50, 46, 88


■ 26, 26, 65

■ 6, 0, 43


■ 0, 1, 21

 205, 196, 249


 205, 196, 249

 184, 171, 249

 226, 221, 249


 164, 146, 249

 246, 246, 249

 143, 121, 249

 255, 255, 249

 122, 96, 249

 102, 72, 249

 81, 47, 249

 60, 22, 249

 42, 0, 249

Harmonies

Analogous

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



168, 205, 255



205, 196, 249



236, 188, 231

Triad

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



205, 196, 249



245, 191, 158



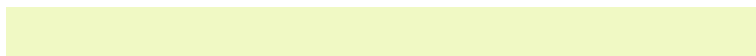
137, 217, 200

Complementary

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



205, 196, 249



240, 249, 196

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.



164, 214, 174



205, 196, 249



223, 200, 149

Square

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



205, 196, 249



255, 185, 178



195, 208, 155



124, 217, 227

Rectangle

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



205, 196, 249



249, 184, 214



195, 208, 155



145, 217, 191

Sweetspot

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



205, 196, 249



242, 240, 255



196, 240, 249



120, 119, 128



0, 0, 0



128, 128, 128

Same Dimension

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



205, 196, 249



200, 189, 255



231, 196, 249



115, 112, 125



32, 0, 189



10, 0, 61

Inverse Universe

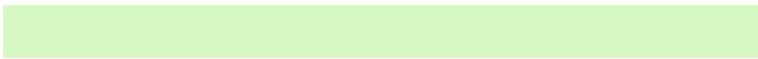
The Inverse Universe completely reimagines the original color for something new.



249, 196, 240



255, 189, 244



214, 249, 196



125, 112, 123



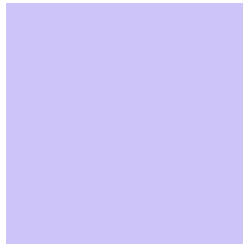
189, 0, 157



61, 0, 51

Previews

White Background



This preview shows how the RGB color 205, 196, 249 looks on a white background.

Color Contrast Check

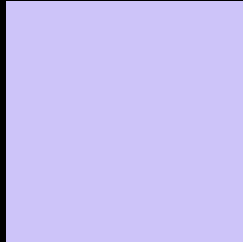
Large Text (above 18pt) WCAG AA × Fail

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 205, 196, 249 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

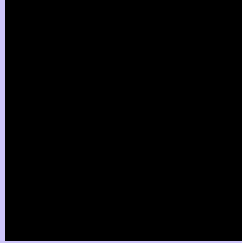
Any Text WCAG AA ✓ Pass

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 205, 196, 249 Background



This preview shows how black text looks on a background with the RGB color 205, 196, 249.



This preview shows how white text looks on a background with the RGB color 205, 196, 249.

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
205, 196, 249

Protanopia
190, 200, 252

Deuteranopia
199, 198, 249



Tritanopia
199, 202, 218

Trichromacy



Original Color
205, 196, 249

Protanomaly
195, 199, 251

Deuteranomaly
201, 197, 249

Tritanomaly
201, 200, 229

Monochromacy



Original Color
205, 196, 249

Achromatopsia
205, 205, 205

Achromatomaly
205, 202, 221

CSS Examples

Text

The CSS property to change the color of the text to RGB 205, 196, 249 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(205, 196, 249)` looks like.

```
.text, #text, p{  
    color:rgb(205, 196, 249)  
}
```

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(205, 196, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 196, 249) }
```

Border

The CSS property to change the border of an element to RGB 205, 196, 249 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(205, 196, 249) }
```

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

```
.border{ border-color:rgb(205, 196, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 196, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 196, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 196, 249);  
box-shadow:4px 4px 4px 4px rgb(205, 196,  
249) }
```

Background

The CSS property to change the background color of an element to RGB 205, 196, 249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 196, 249) }
```

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

```
.background{ background-color: rgb(205,  
196, 249) }
```

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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