

Converting Colors

RGB(206, 199, 250)

Have a look what the booklet for
RGB(206, 199, 250) contains.

RGB(206, 199, 250)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(206, 199, 250)

Conversions

Conversions Part 1

Format	Color
Hex	CEC7FA
RGB	206, 199, 250
RGB Percent	81%, 78%, 98%
CMY	0.1922, 0.2196, 0.0196
CMYK	0.18, 0.20, 0.00, 0.02
HSL	248°, 84%, 88%
HSV	248°, 20%, 98%
XYZ	63.1323, 60.8708, 98.8643
YIQ	206.9070, -12.1990, 17.3450

Conversions

Conversions Part 2

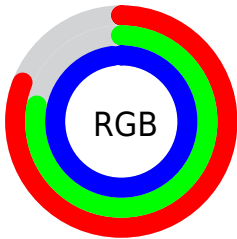
Format	Color
R _Y B	206, 199, 250
Decimal	13551610
CIE _{Lab}	82.31, 12.51, -24.17
CIE _{LCh}	82, 27.214, 297.365
Yxy	60.8708, 0.2833, 0.2731
Android (android.graphics.Color)	4291741690 (0xFFCEC7FA)
YUV	206.9070, 21.2448, -0.7954
Hunter-Lab	78.0197, 7.9049, -20.5167

Details

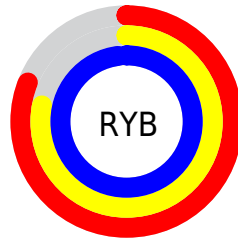
The RGB color **206, 199, 250** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **243, 250, 199**, and the grayscale version is **207, 207, 207**.

A 20% lighter version of the original color is 255, 255, 255, and **151, 145, 193** is the 20% darker color. If you saturate the color by 10%, you get **184, 174, 250**, and if you desaturate by 10%, it is **228, 224, 250**.

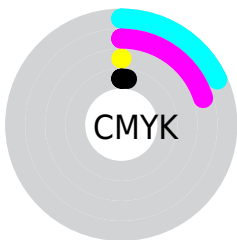
Distribution



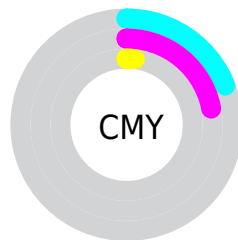
- Red (81%)
- Green (78%)
- Blue (98%)



- Red (81%)
- Yellow (78%)
- Blue (98%)



- Cyan (18%)
- Magenta (20%)
- Yellow (0%)
- Black (2%)



- Cyan (19%)
- Magenta (22%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the RGB color 206, 199, 250 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 206, 199, 250 by changing the saturation by 10% instead.

■ 206, 199, 250

255, 255, 255

■ 206, 199, 250

■ 178, 172, 221

■ 151, 145, 193

■ 125, 120, 166

■ 99, 95, 140

■ 75, 71, 114

■ 51, 49, 89


■ 27, 28, 66

■ 7, 2, 44

■ 0, 1, 22

 206, 199, 250


 206, 199, 250

 184, 174, 250

 228, 224, 250

 163, 149, 250

 249, 249, 250

 141, 124, 250

 255, 255, 250

 120, 99, 250

 98, 74, 250

 77, 49, 250

 55, 24, 250

 34, 0, 250

Harmonies

Analogous

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



171, 208, 255



206, 199, 250



236, 191, 233

Triad

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



206, 199, 250



247, 194, 163



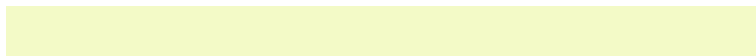
144, 219, 202

Complementary

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



206, 199, 250



243, 250, 199

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.



169, 216, 177



206, 199, 250



226, 202, 154

Square

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



206, 199, 250



255, 188, 182



199, 210, 159



131, 219, 227

Rectangle

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



206, 199, 250



249, 187, 217



199, 210, 159



151, 219, 193

Sweetspot

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



206, 199, 250



242, 240, 255



199, 243, 250



120, 119, 128



0, 0, 0



128, 128, 128

Same Dimension

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



206, 199, 250



202, 194, 255



231, 199, 250



114, 112, 125



26, 0, 189



8, 0, 61

Inverse Universe

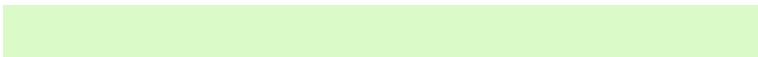
The Inverse Universe completely reimagines the original color for something new.



250, 199, 243



255, 194, 247



218, 250, 199



125, 112, 123



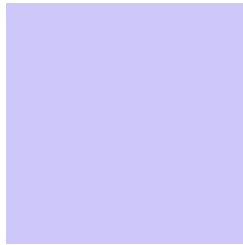
189, 0, 163



61, 0, 53

Previews

White Background



This preview shows how the RGB color 206, 199, 250 looks on a white background.

Color Contrast Check

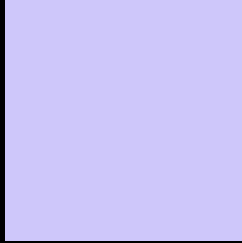
Large Text (above 18pt) WCAG AA × Fail

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 206, 199, 250 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 206, 199, 250 Background



This preview shows how black text looks on a background with the RGB color 206, 199, 250.

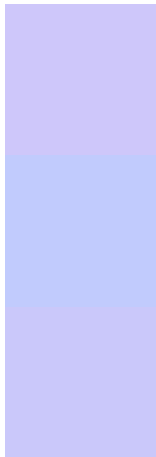


This preview shows how white text looks on a background with the RGB color 206, 199, 250.

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
206, 199, 250

Protanopia
193, 203, 253

Deuteranopia
202, 200, 250



Tritanopia
201, 204, 220

Trichromacy



Original Color

206, 199, 250

Protanomaly

198, 202, 252

Deuteranomaly

203, 200, 250

Tritanomaly

203, 202, 231

Monochromacy



Original Color

206, 199, 250

Achromatopsia

207, 207, 207

Achromatomaly

207, 204, 223

CSS Examples

Text

The CSS property to change the color of the text to RGB 206, 199, 250 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(206, 199, 250)` looks like.

```
.text, #text, p{  
    color:rgb(206, 199, 250)  
}
```

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(206, 199, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 199, 250) }
```

Border

The CSS property to change the border of an element to RGB 206, 199, 250 is called "border". The border property can be set on classes, ids or directly on the HTML element.

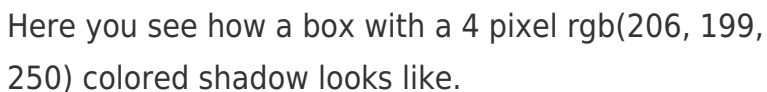
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(206, 199, 250) }
```

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

```
.border{ border-color:rgb(206, 199, 250) }
```

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



Here you see how a box with a 4 pixel `rgb(206, 199, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(206, 199, 250); -webkit-box-shadow:4px 4px 4px 4px rgb(206, 199, 250); box-shadow:4px 4px 4px 4px rgb(206, 199, 250) }
```

Background

The CSS property to change the background color of an element to RGB 206, 199, 250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 199, 250) }
```

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

```
.background{ background-color: rgb(206,  
199, 250) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor