

Converting Colors

RGB(199, 203, 246)

Have a look what the booklet for
RGB(199, 203, 246) contains.

RGB(199, 203, 246)	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(199, 203, 246)

Conversions

Conversions Part 1

Format	Color
Hex	C7CBF6
RGB	199, 203, 246
RGB Percent	78%, 80%, 96%
CMY	0.2196, 0.2039, 0.0353
CMYK	0.19, 0.17, 0.00, 0.04
HSL	235°, 72%, 87%
HSV	235°, 19%, 96%
XYZ	61.5437, 61.5078, 95.8173
YIQ	206.7060, -16.1870, 12.5250

Conversions

Conversions Part 2

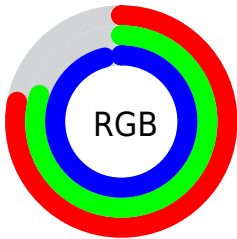
Format	Color
R _Y B	199, 203, 246
Decimal	13093878
CIE Lab	82.65, 7.35, -21.57
CIE LCh	83, 22.786, 288.807
Yxy	61.5078, 0.2812, 0.2810
Android (android.graphics.Color)	4291283958 (0xFFC7CBF6)
YUV	206.7060, 19.3719, -6.7582
Hunter-Lab	78.4269, 2.8266, -17.5381

Details

The RGB color **199, 203, 246** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **246, 242, 199**, and the grayscale version is **207, 207, 207**.

A 20% lighter version of the original color is 255, 255, 255, and **145, 149, 190** is the 20% darker color. If you saturate the color by 10%, you get **174, 180, 246**, and if you desaturate by 10%, it is **224, 226, 246**.

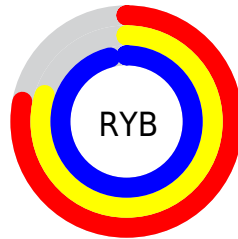
Distribution



Red (78%)

Green (80%)

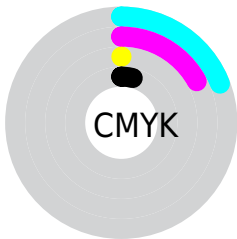
Blue (96%)



Red (78%)

Yellow (80%)

Blue (96%)

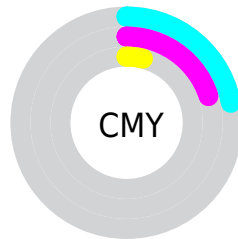


Cyan (19%)

Magenta (17%)

Yellow (0%)

Black (4%)



Cyan (22%)

Magenta (20%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the RGB color 199, 203, 246 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 199, 203, 246 by changing the saturation by 10% instead.

■ 199, 203, 246

255, 255, 255

■ 199, 203, 246

■ 171, 176, 217

■ 145, 149, 190

■ 118, 123, 162

■ 93, 98, 136

■ 69, 75, 111

■ 45, 52, 86

■ 22, 31, 63

■ 0, 6, 41

■ 0, 1, 19

■ 199, 203, 246

■ 199, 203, 246

■ 174, 180, 246

■ 224, 226, 246

■ 150, 158, 246

■ 248, 248, 246

■ 125, 135, 246

■ 255, 255, 246

■ 101, 113, 246

■ 76, 90, 246

■ 51, 68, 246

■ 27, 45, 246

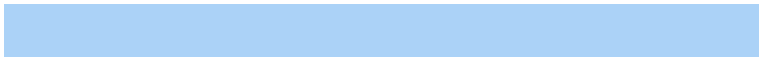
■ 2, 23, 246

■ 0, 21, 246

Harmonies

Analogous

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



171, 210, 247



199, 203, 246



226, 196, 234

Triad

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



199, 203, 246



245, 195, 174



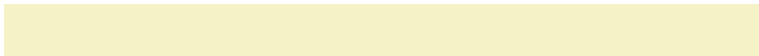
161, 218, 197

Complementary

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



199, 203, 246



246, 242, 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.



183, 214, 177



199, 203, 246



230, 202, 164

Square

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



199, 203, 246



250, 191, 193



208, 209, 165



148, 218, 219

Rectangle

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



199, 203, 246



239, 192, 222



208, 209, 165



168, 217, 190

Sweetspot

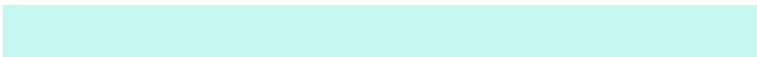
The Sweet Spot groups the original color and five complimentary colors.



199, 203, 246



240, 241, 255



199, 246, 241



119, 119, 128



0, 0, 0



128, 128, 128

Same Dimension

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



199, 203, 246



196, 201, 255



218, 199, 246



110, 111, 122



0, 16, 186



0, 5, 59

Inverse Universe

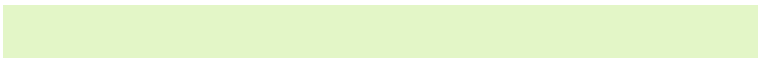
The Inverse Universe completely reimagines the original color for something new.



246, 199, 203



255, 196, 201



227, 246, 199



122, 110, 111



186, 0, 16



59, 0, 5

Previews

White Background



This preview shows how the RGB color 199, 203, 246 looks on a white background.

Color Contrast Check

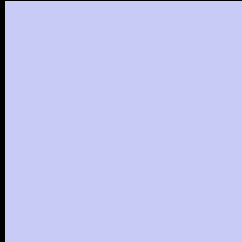
Large Text (above 18pt) WCAG AA × Fail

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 199, 203, 246 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

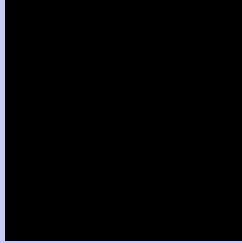
Any Text WCAG AA ✓ Pass

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 199, 203, 246 Background



This preview shows how black text looks on a background with the RGB color 199, 203, 246.



This preview shows how white text looks on a background with the RGB color 199, 203, 246.

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

199, 203, 246

Protanopia

196, 204, 246

Deuteranopia

205, 201, 246



Tritanopia
195, 207, 223

Trichromacy



Original Color

199, 203, 246

Protanomaly

197, 204, 246

Deuteranomaly

203, 202, 246

Tritanomaly

196, 206, 231

Monochromacy



Original Color

199, 203, 246

Achromatopsia

207, 207, 207

Achromatomaly

204, 206, 221

CSS Examples

Text

The CSS property to change the color of the text to RGB 199, 203, 246 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(199, 203, 246)` looks like.

```
.text, #text, p{  
    color:rgb(199, 203, 246)  
}
```

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(199, 203, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 203, 246) }
```

Border

The CSS property to change the border of an element to RGB 199, 203, 246 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(199, 203, 246) }
```

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

```
.border{ border-color:rgb(199, 203, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 203, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 203, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 203, 246);  
box-shadow:4px 4px 4px 4px rgb(199, 203,  
246) }
```

Background

The CSS property to change the background color of an element to RGB 199, 203, 246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 203, 246) }
```

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

```
.background{ background-color: rgb(199,  
203, 246) }
```

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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