

Converting Colors

RGB(190, 185, 250)

Have a look what the booklet for
RGB(190, 185, 250) contains.

RGB(190, 185, 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(190, 185, 250)

Conversions

Conversions Part 1

Format	Color
Hex	BEB9FA
RGB	190, 185, 250
RGB Percent	75%, 73%, 98%
CMY	0.2549, 0.2745, 0.0196
CMYK	0.24, 0.26, 0.00, 0.02
HSL	245°, 87%, 85%
HSV	245°, 26%, 98%
XYZ	55.8395, 52.5472, 97.6420
YIQ	193.9050, -17.8850, 21.2750

Conversions

Conversions Part 2

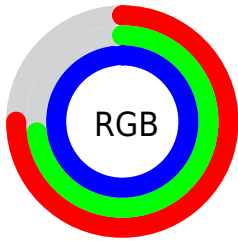
Format	Color
RYB	190, 185, 250
Decimal	12499450
CIELab	77.61, 15.29, -31.47
CIELCh	78, 34.991, 295.906
Yxy	52.5472, 0.2710, 0.2550
Android (android.graphics.Color)	4290689530 (0xFFBEB9FA)
YUV	193.9050, 27.6548, -3.4247
Hunter-Lab	72.4894, 10.6441, -29.1200

Details

The RGB color **190, 185, 250** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **245, 250, 185**, and the grayscale version is **194, 194, 194**.

A 20% lighter version of the original color is **247, 241, 255**, and **135, 132, 193** is the 20% darker color. If you saturate the color by 10%, you get **167, 160, 250**, and if you desaturate by 10%, it is **213, 210, 250**.

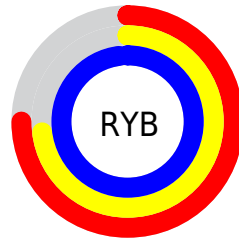
Distribution



Red (75%)

Green (73%)

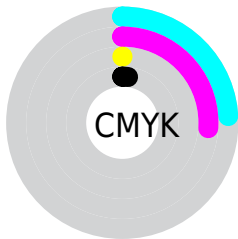
Blue (98%)



Red (75%)

Yellow (73%)

Blue (98%)

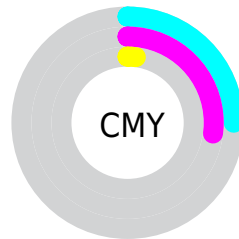


Cyan (24%)

Magenta (26%)

Yellow (0%)

Black (2%)



Cyan (25%)

Magenta (27%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the RGB color 190, 185, 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 190, 185, 250 by changing the saturation by 10% instead.

■ 190, 185, 250

255, 255, 255

■ 247, 241, 255

■ 190, 185, 250

■ 162, 158, 221

■ 135, 132, 193

■ 109, 107, 166

■ 84, 83, 139

■ 58, 60, 114

■ 33, 38, 89

■ 3, 18, 65

■ 0, 0, 43

■ 0, 1, 21

■ 190, 185, 250

■ 190, 185, 250

■ 167, 160, 250

■ 213, 210, 250

■ 144, 135, 250

■ 236, 235, 250

■ 121, 110, 250

■ 255, 255, 250

■ 98, 85, 250

■ 75, 60, 250

■ 52, 35, 250

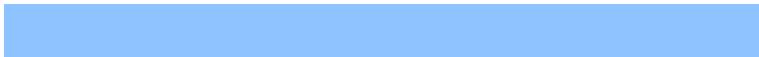
■ 28, 10, 250

■ 19, 0, 250

Harmonies

Analogous

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



141, 196, 255



190, 185, 250



229, 174, 229

Triad

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



190, 185, 250



244, 177, 139



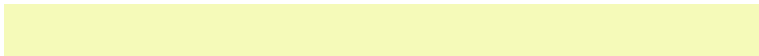
109, 209, 186

Complementary

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



190, 185, 250



245, 250, 185

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.



147, 206, 154



190, 185, 250



218, 188, 127

Square

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



190, 185, 250



255, 169, 165



185, 198, 133



83, 209, 219

Rectangle

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



190, 185, 250



246, 169, 208



185, 198, 133



122, 208, 175

Sweetspot

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



190, 185, 250



236, 235, 255



185, 246, 250



116, 115, 128



0, 0, 0



128, 128, 128

Same Dimension

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



190, 185, 250



182, 176, 255



222, 185, 250



113, 112, 125



15, 0, 189



5, 0, 61

Inverse Universe

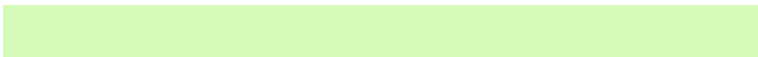
The Inverse Universe completely reimagines the original color for something new.



250, 185, 245



255, 176, 249



213, 250, 185



125, 112, 124



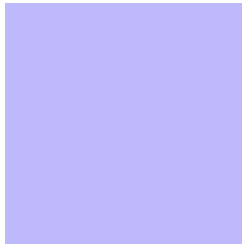
189, 0, 174



61, 0, 56

Previews

White Background



This preview shows how the RGB color 190, 185, 250 looks on a white background.

Color Contrast Check

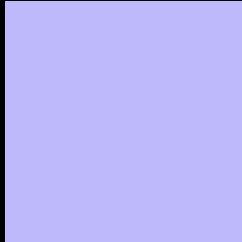
Large Text (above 18pt) WCAG AA × Fail

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 190, 185, 250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

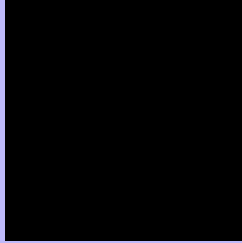
Any Text WCAG AA ✓ Pass

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 190, 185, 250 Background



This preview shows how black text looks on a background with the RGB color 190, 185, 250.

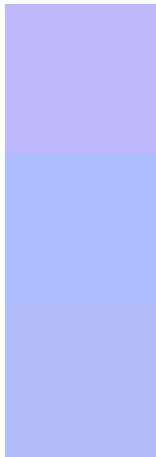


This preview shows how white text looks on a background with the RGB color 190, 185, 250.

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](#).

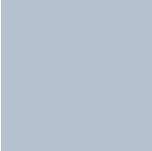
Dichromacy



Original Color
190, 185, 250

Protanopia
174, 189, 253

Deuteranopia
179, 188, 249



Tritanopia
182, 193, 208

Trichromacy



Original Color

190, 185, 250

Protanomaly

180, 188, 252

Deuteranomaly

183, 187, 249

Tritanomaly

185, 190, 223

Monochromacy



Original Color

190, 185, 250

Achromatopsia

194, 194, 194

Achromatomaly

193, 191, 214

CSS Examples

Text

The CSS property to change the color of the text to RGB 190, 185, 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(190, 185, 250)` looks like.

```
.text, #text, p{  
    color:rgb(190, 185, 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(190, 185, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 185, 250) }
```

Border

The CSS property to change the border of an element to RGB 190, 185, 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(190, 185, 250) }
```

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

```
.border{ border-color:rgb(190, 185, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 185, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 185, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 185, 250);  
box-shadow:4px 4px 4px 4px rgb(190, 185,  
250) }
```

Background

The CSS property to change the background color of an element to RGB 190, 185, 250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 185, 250) }
```

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

```
.background{ background-color: rgb(190,  
185, 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