

Converting Colors

RGB(193, 188, 245)

Have a look what the booklet for
RGB(193, 188, 245) contains.

RGB(193, 188, 245)	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(193, 188, 245)

Conversions

Conversions Part 1

Format	Color
Hex	C1BCF5
RGB	193, 188, 245
RGB Percent	76%, 74%, 96%
CMY	0.2431, 0.2627, 0.0392
CMYK	0.21, 0.23, 0.00, 0.04
HSL	245°, 74%, 85%
HSV	245°, 23%, 96%
XYZ	56.4570, 53.8965, 93.8137
YIQ	195.9930, -15.3170, 18.7870

Conversions

Conversions Part 2

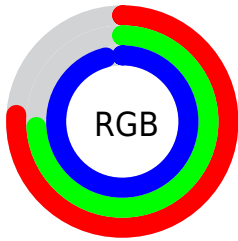
Format	Color
R_{YB}	193, 188, 245
Decimal	12696821
CIE _{Lab}	78.40, 13.40, -27.55
CIE _{LCh}	78, 30.637, 295.939
Yxy	53.8965, 0.2765, 0.2640
Android (android.graphics.Color)	4290886901 (0xFFC1BCF5)
YUV	195.9930, 24.1605, -2.6249
Hunter-Lab	73.4142, 8.7951, -24.3748

Details

The RGB color **193, 188, 245** is a light color, and the websafe version is hex **C4CCFF**. A complement of this color would be **240, 245, 188**, and the grayscale version is **196, 196, 196**.

A 20% lighter version of the original color is **250, 244, 255**, and **139, 135, 189** is the 20% darker color. If you saturate the color by 10%, you get **171, 164, 245**, and if you desaturate by 10%, it is **215, 213, 245**.

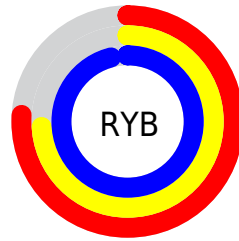
Distribution



Red (76%)

Green (74%)

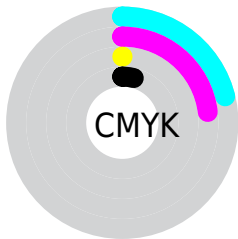
Blue (96%)



Red (76%)

Yellow (74%)

Blue (96%)

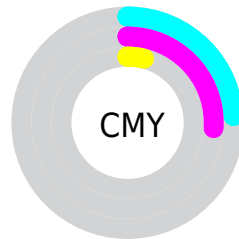


Cyan (21%)

Magenta (23%)

Yellow (0%)

Black (4%)



Cyan (24%)

Magenta (26%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the RGB color 193, 188, 245 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 193, 188, 245 by changing the saturation by 10% instead.

 193, 188, 245


255, 255, 255

 250, 244, 255

 193, 188, 245

 165, 161, 216


 139, 135, 189

 112, 110, 161

 87, 85, 135

 62, 62, 110

 38, 40, 85


 13, 20, 61

 0, 0, 40


 0, 1, 17

 193, 188, 245

 193, 188, 245

 171, 164, 245

 215, 213, 245


 148, 139, 245

 238, 237, 245

 126, 115, 245


 255, 255, 245

 104, 90, 245

 81, 66, 245

 59, 41, 245

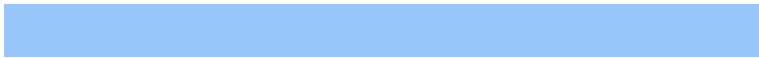
 37, 17, 245

 21, 0, 245

Harmonies

Analogous

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



152, 198, 250



193, 188, 245



227, 179, 226

Triad

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



193, 188, 245



240, 181, 148



125, 210, 189

Complementary

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



193, 188, 245



240, 245, 188

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.



156, 206, 161



193, 188, 245



218, 191, 137

Square

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



193, 188, 245



251, 174, 170



188, 200, 142



107, 209, 218

Rectangle

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



193, 188, 245



242, 174, 209



188, 200, 142



134, 209, 179

Sweetspot

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



193, 188, 245



239, 237, 255



188, 240, 245



118, 117, 128



0, 0, 0



128, 128, 128

Same Dimension

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



193, 188, 245



190, 184, 255



221, 188, 245



111, 110, 122



16, 0, 186



5, 0, 59

Inverse Universe

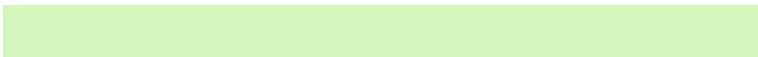
The Inverse Universe completely reimagines the original color for something new.



245, 188, 240



255, 184, 249



212, 245, 188



122, 110, 121



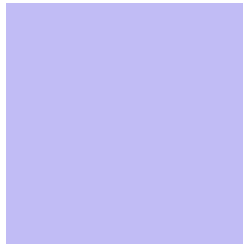
186, 0, 170



59, 0, 54

Previews

White Background



This preview shows how the RGB color 193, 188, 245 looks on a white background.

Color Contrast Check

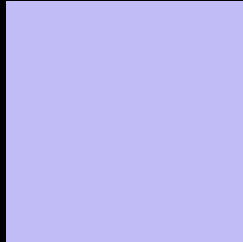
Large Text (above 18pt) WCAG AA × Fail

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 193, 188, 245 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

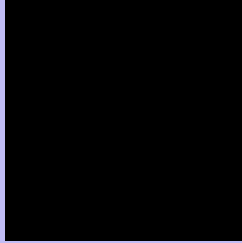
Any Text WCAG AA ✓ Pass

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 193, 188, 245 Background



This preview shows how black text looks on a background with the RGB color 193, 188, 245.

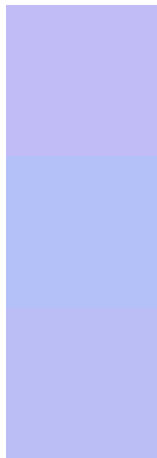


This preview shows how white text looks on a background with the RGB color 193, 188, 245.

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](#).

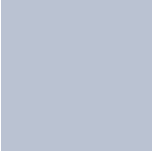
Dichromacy



Original Color
193, 188, 245

Protanopia
180, 192, 248

Deuteranopia
186, 190, 245



Tritanopia
186, 194, 210

Trichromacy



Original Color

193, 188, 245

Protanomaly

185, 191, 247

Deuteranomaly

189, 189, 245

Tritanomaly

189, 192, 223

Monochromacy



Original Color

193, 188, 245

Achromatopsia

196, 196, 196

Achromatomaly

195, 193, 214

CSS Examples

Text

The CSS property to change the color of the text to RGB 193, 188, 245 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(193, 188, 245)` looks like.

```
.text, #text, p{  
    color:rgb(193, 188, 245)  
}
```

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(193, 188, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 188, 245) }
```

Border

The CSS property to change the border of an element to RGB 193, 188, 245 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(193, 188, 245) }
```

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

```
.border{ border-color:rgb(193, 188, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 188, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(193, 188, 245); -webkit-box-shadow:4px 4px 4px 4px rgb(193, 188, 245); box-shadow:4px 4px 4px 4px rgb(193, 188, 245) }
```

Background

The CSS property to change the background color of an element to RGB 193, 188, 245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 188, 245) }
```

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

```
.background{ background-color: rgb(193,  
188, 245) }
```

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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