

Converting Colors

RGB(185, 155, 250)

Have a look what the booklet for
RGB(185, 155, 250) contains.

RGB(185, 155, 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(185, 155, 250)

Conversions

Conversions Part 1

Format	Color
Hex	B99BFA
RGB	185, 155, 250
RGB Percent	73%, 61%, 98%
CMY	0.2745, 0.3922, 0.0196
CMYK	0.26, 0.38, 0.00, 0.02
HSL	259°, 90%, 79%
HSV	259°, 38%, 98%
XYZ	48.9842, 40.6591, 95.7087
YIQ	174.8000, -12.6150, 35.9050

Conversions

Conversions Part 2

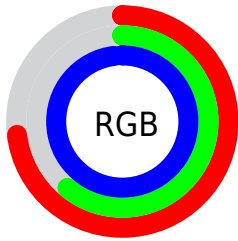
Format	Color
RYB	185, 155, 250
Decimal	12164090
CIELab	69.94, 30.46, -43.42
CIELCh	70, 53.037, 305.051
Yxy	40.6591, 0.2643, 0.2194
Android (android.graphics.Color)	4290354170 (0xFFB99BFA)
YUV	174.8000, 37.0736, 8.9454
Hunter-Lab	63.7645, 25.5369, -44.3575

Details

The RGB color **185, 155, 250** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **220, 250, 155**, and the grayscale version is **174, 174, 174**.

A 20% lighter version of the original color is **243, 210, 255**, and **130, 103, 193** is the 20% darker color. If you saturate the color by 10%, you get **168, 130, 250**, and if you desaturate by 10%, it is **202, 180, 250**.

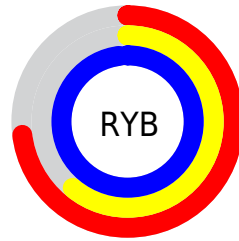
Distribution



Red (73%)

Green (61%)

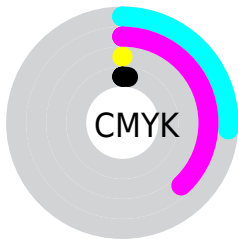
Blue (98%)



Red (73%)

Yellow (61%)

Blue (98%)

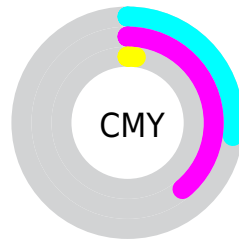


Cyan (26%)

Magenta (38%)

Yellow (0%)

Black (2%)



Cyan (27%)

Magenta (39%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the RGB color 185, 155, 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 185, 155, 250 by changing the saturation by 10% instead.


 185, 155, 250


255, 255, 255


 243, 210, 255

 255, 238, 255

 185, 155, 250


 157, 129, 221

 130, 103, 193

 103, 79, 166

 77, 56, 139


 50, 33, 113

 21, 12, 88


 0, 0, 64

 0, 3, 41


 0, 1, 19

 185, 155, 250

 185, 155, 250

 168, 130, 250

 202, 180, 250

 151, 105, 250

 219, 205, 250

 134, 80, 250

 236, 230, 250

 117, 55, 250

 253, 255, 250

 99, 30, 250

 255, 255, 250

 82, 5, 250

 79, 0, 250

Harmonies

Analogous

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



99, 173, 255



185, 155, 250



237, 137, 212

Triad

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



185, 155, 250



231, 154, 83



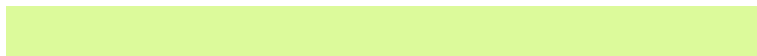
0, 195, 178

Complementary

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



185, 155, 250



220, 250, 155

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.



72, 192, 128



185, 155, 250



191, 171, 71

Square

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



185, 155, 250



255, 137, 118



141, 184, 89



0, 194, 225

Rectangle

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



185, 155, 250



255, 130, 181



141, 184, 89



0, 195, 161

Sweetspot

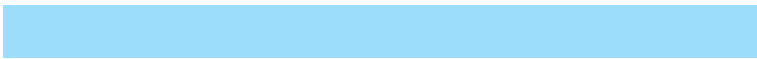
The Sweet Spot groups the original color and five complimentary colors.



185, 155, 250



236, 227, 255



155, 221, 250



116, 111, 128



0, 0, 0



128, 128, 128

Same Dimension

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



185, 155, 250



175, 138, 255



231, 155, 250



116, 112, 125



60, 0, 189



19, 0, 61

Inverse Universe

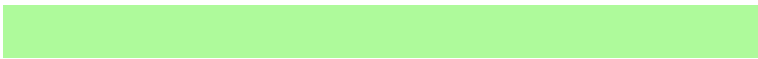
The Inverse Universe completely reimagines the original color for something new.



250, 155, 220



255, 138, 218



174, 250, 155



125, 112, 121



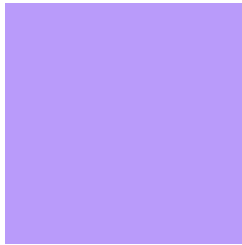
189, 0, 129



61, 0, 42

Previews

White Background



This preview shows how the RGB color 185, 155, 250 looks on a white background.

Color Contrast Check

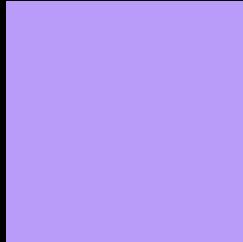
Large Text (above 18pt) WCAG AA × Fail

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 185, 155, 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 185, 155, 250 Background



This preview shows how black text looks on a background with the RGB color 185, 155, 250.



This preview shows how white text looks on a background with the RGB color 185, 155, 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





Tritanopia
172, 169, 182

Trichromacy



Original Color

185, 155, 250



Protanomaly

157, 163, 253



Deuteranomaly

157, 165, 248



Tritanomaly

177, 164, 207

Monochromacy



Original Color

185, 155, 250



Achromatopsia

175, 175, 175



Achromatomaly

179, 168, 202

CSS Examples

Text

The CSS property to change the color of the text to RGB 185, 155, 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(185, 155, 250)` looks like.

```
.text, #text, p{  
    color:rgb(185, 155, 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(185, 155, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 155, 250) }
```

Border

The CSS property to change the border of an element to RGB 185, 155, 250 is called "border". The border property can be set on classes, ids or directly on the HTML element.

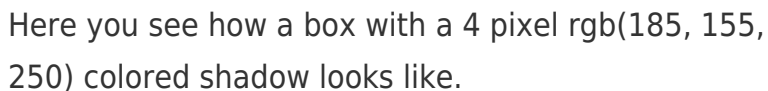
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(185, 155, 250) }
```

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

```
.border{ border-color:rgb(185, 155, 250) }
```

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



Here you see how a box with a 4 pixel `rgb(185, 155, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(185, 155, 250); -webkit-box-shadow:4px 4px 4px 4px rgb(185, 155, 250); box-shadow:4px 4px 4px 4px rgb(185, 155, 250) }
```

Background

The CSS property to change the background color of an element to RGB 185, 155, 250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 155, 250) }
```

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

```
.background{ background-color: rgb(185,  
155, 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