

Converting Colors

RGB(193, 159, 255)

Have a look what the booklet for
RGB(193, 159, 255) contains.

RGB(193, 159, 255)	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, 159, 255)

Conversions

Conversions Part 1

Format	Color
Hex	C19FFF
RGB	193, 159, 255
RGB Percent	76%, 62%, 100%
CMY	0.2431, 0.3765, 0.0000
CMYK	0.24, 0.38, 0.00, 0.00
HSL	261°, 100%, 81%
HSV	261°, 38%, 100%
XYZ	52.4405, 43.3537, 100.2119
YIQ	180.1100, -10.5520, 37.0640

Conversions

Conversions Part 2

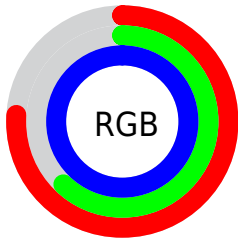
Format	Color
R _Y B	193, 159, 255
Decimal	12689407
CIE Lab	71.79, 31.67, -43.17
CIE LCh	72, 53.542, 306.258
Yxy	43.3537, 0.2675, 0.2212
Android (android.graphics.Color)	4290879487 (0xFFC19FFF)
YUV	180.1100, 36.9208, 11.3045
Hunter-Lab	65.8435, 26.9384, -44.1471

Details

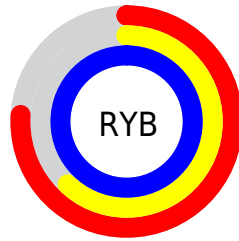
The RGB color **193, 159, 255** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **221, 255, 159**, and the grayscale version is **180, 180, 180**.

A 20% lighter version of the original color is **251, 214, 255**, and **137, 107, 198** is the 20% darker color. If you saturate the color by 10%, you get **177, 133, 255**, and if you desaturate by 10%, it is **209, 185, 255**.

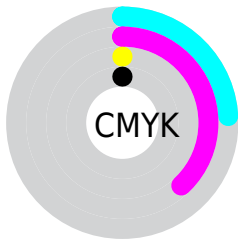
Distribution



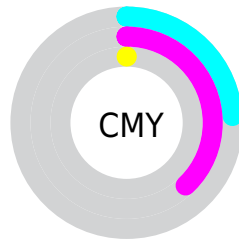
- Red (76%)
- Green (62%)
- Blue (100%)



- Red (76%)
- Yellow (62%)
- Blue (100%)



- Cyan (24%)
- Magenta (38%)
- Yellow (0%)
- Black (0%)



- Cyan (24%)
- Magenta (38%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the RGB color 193, 159, 255 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, 159, 255 by changing the saturation by 10% instead.

 193, 159, 255

255, 255, 255


 251, 214, 255

 255, 243, 255

 193, 159, 255


 165, 133, 226

 137, 107, 198

 111, 82, 170

 84, 59, 143

 58, 36, 117

 30, 14, 92


 3, 0, 68

 0, 3, 45


 0, 1, 23

 193, 159, 255

 193, 159, 255

 177, 133, 255

 209, 185, 255

 160, 108, 255


 226, 210, 255


 144, 82, 255


 242, 236, 255

 127, 57, 255

255, 255, 255

 111, 31, 255

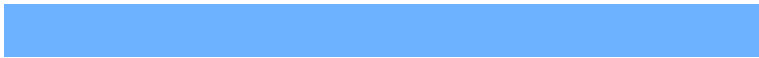
 94, 6, 255

 90, 0, 255

Harmonies

Analogous

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



108, 178, 255



193, 159, 255



244, 141, 216

Triad

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



193, 159, 255



236, 159, 86



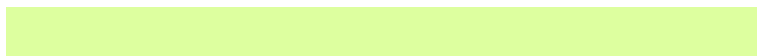
0, 201, 185

Complementary

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



193, 159, 255



221, 255, 159

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.



73, 198, 135



193, 159, 255



195, 177, 75

Square

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



193, 159, 255



255, 142, 121



143, 190, 94



0, 199, 232

Rectangle

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



193, 159, 255



255, 135, 184



143, 190, 94



0, 200, 168

Sweetspot

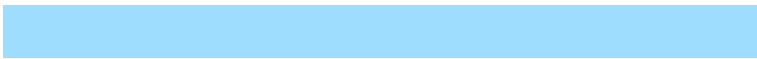
The Sweet Spot groups the original color and five complimentary colors.



193, 159, 255



237, 227, 255



159, 221, 255



117, 111, 128



0, 0, 0



128, 128, 128

Same Dimension

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



193, 159, 255



181, 140, 255



241, 159, 255



119, 115, 128



68, 0, 191



23, 0, 64

Inverse Universe

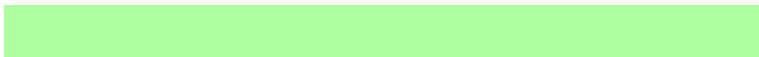
The Inverse Universe completely reimagines the original color for something new.



255, 159, 221



255, 140, 214



173, 255, 159



128, 115, 123



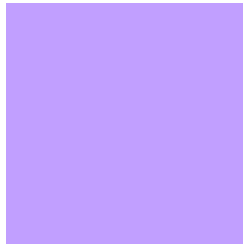
191, 0, 124



64, 0, 41

Previews

White Background



This preview shows how the RGB color 193, 159, 255 looks on a white background.

Color Contrast Check

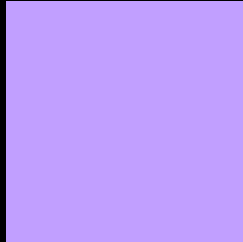
Large Text (above 18pt) WCAG AA × Fail

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, 159, 255 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

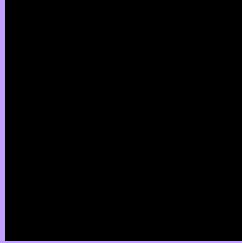
Any Text WCAG AA ✓ Pass

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, 159, 255 Background



This preview shows how black text looks on a background with the RGB color 193, 159, 255.



This preview shows how white text looks on a background with the RGB color 193, 159, 255.

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, 159, 255

Protanopia
149, 173, 255

Deuteranopia
147, 174, 252



Tritanopia
181, 173, 187

Trichromacy



Original Color
193, 159, 255

Protanomaly
165, 168, 255

Deuteranomaly
164, 169, 253

Tritanomaly
185, 168, 212

Monochromacy



Original Color
193, 159, 255

Achromatopsia
180, 180, 180

Achromatomaly
185, 172, 207

CSS Examples

Text

The CSS property to change the color of the text to RGB 193, 159, 255 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, 159, 255)` looks like.

```
.text, #text, p{  
    color:rgb(193, 159, 255)  
}
```

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, 159, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 159, 255) }
```

Border

The CSS property to change the border of an element to RGB 193, 159, 255 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, 159, 255) }
```

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

```
.border{ border-color:rgb(193, 159, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 159, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 159, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 159, 255);  
box-shadow:4px 4px 4px 4px rgb(193, 159,  
255) }
```

Background

The CSS property to change the background color of an element to RGB 193, 159, 255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 159, 255) }
```

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

```
.background{ background-color: rgb(193,  
159, 255) }
```

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