

Converting Colors

RGB(193, 140, 239)

Have a look what the booklet for
RGB(193, 140, 239) contains.

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Color

RGB(193, 140, 239)

Conversions

Conversions Part 1

Format	Color
Hex	C18CEF
RGB	193, 140, 239
RGB Percent	76%, 55%, 94%
CMY	0.2431, 0.4510, 0.0627
CMYK	0.19, 0.41, 0.00, 0.06
HSL	272°, 76%, 74%
HSV	272°, 41%, 94%
XYZ	46.9504, 36.3256, 86.1983
YIQ	167.1330, -0.1910, 42.0250

Conversions

Conversions Part 2

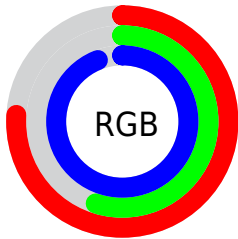
Format	Color
R_{YB}	193, 140, 239
Decimal	12684527
CIE _{Lab}	66.77, 38.49, -42.31
CIE _{LCh}	67, 57.200, 312.291
Yxy	36.3256, 0.2770, 0.2143
Android (android.graphics.Color)	4290874607 (0xFFC18CEF)
YUV	167.1330, 35.4304, 22.6854
Hunter-Lab	60.2707, 33.5762, -42.6062

Details

The RGB color **193, 140, 239** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **186, 239, 140**, and the grayscale version is **167, 167, 167**.

A 20% lighter version of the original color is **251, 194, 255**, and **138, 89, 183** is the 20% darker color. If you saturate the color by 10%, you get **182, 116, 239**, and if you desaturate by 10%, it is **204, 164, 239**.

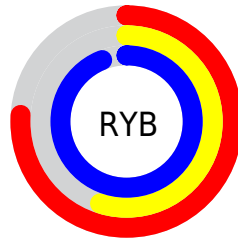
Distribution



Red (76%)

Green (55%)

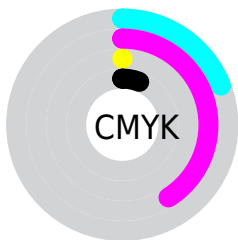
Blue (94%)



Red (76%)

Yellow (55%)

Blue (94%)

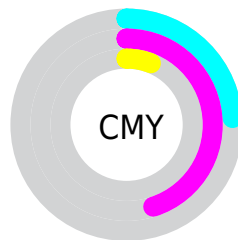


Cyan (19%)

Magenta (41%)

Yellow (0%)

Black (6%)



Cyan (24%)

Magenta (45%)

Yellow (6%)


Brightness & Saturation Gradients

These gradients show how the RGB color 193, 140, 239 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, 140, 239 by changing the saturation by 10% instead.

 193, 140, 239

255, 255, 255

 251, 194, 255


 255, 223, 255

 255, 251, 255

 193, 140, 239

 165, 114, 210

 138, 89, 183

 111, 64, 155

 84, 40, 129

 58, 15, 103

 32, 0, 79


 4, 0, 55

 0, 2, 33


 0, 0, 5

 193, 140, 239


 193, 140, 239

 182, 116, 239

 204, 164, 239

 171, 92, 239

 215, 188, 239

 160, 68, 239

 226, 212, 239

 149, 44, 239

 237, 236, 239

 137, 20, 239

 249, 255, 239

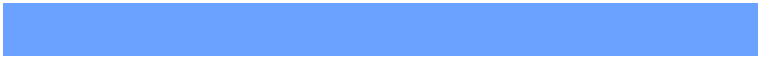
 128, 0, 239

 255, 255, 239

Harmonies

Analogous

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



107, 161, 255



193, 140, 239



241, 121, 195

Triad

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



193, 140, 239



216, 149, 61



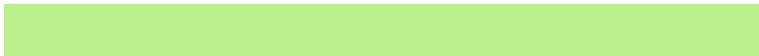
0, 188, 183

Complementary

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



193, 140, 239



186, 239, 140

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.



0, 186, 129



193, 140, 239



171, 166, 54

Square

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



193, 140, 239



247, 129, 95



114, 179, 82



0, 185, 230

Rectangle

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



193, 140, 239



255, 116, 161



114, 179, 82



0, 188, 165

Sweetspot

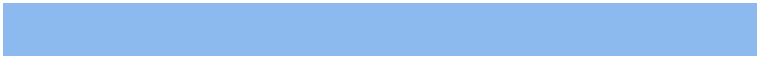
The Sweet Spot groups the original color and five complimentary colors.



193, 140, 239



241, 224, 255



140, 186, 239



119, 110, 128



0, 0, 0



128, 128, 128

Same Dimension

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



193, 140, 239



196, 128, 255



239, 140, 236



114, 108, 120



98, 0, 184



30, 0, 56

Inverse Universe

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



239, 140, 186



255, 128, 187



140, 239, 143



120, 108, 113



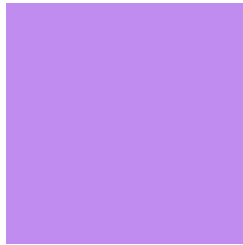
184, 0, 85



56, 0, 26

Previews

White Background



This preview shows how the RGB color 193, 140, 239 looks on a white background.

Color Contrast Check

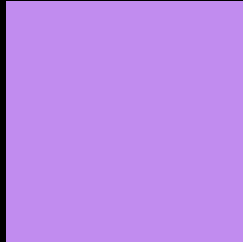
Large Text (above 18pt) WCAG AA × Fail

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, 140, 239 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

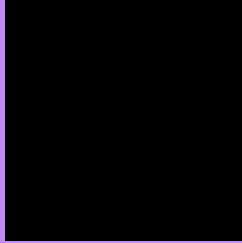
Any Text WCAG AA ✓ Pass

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, 140, 239 Background



This preview shows how black text looks on a background with the RGB color 193, 140, 239.

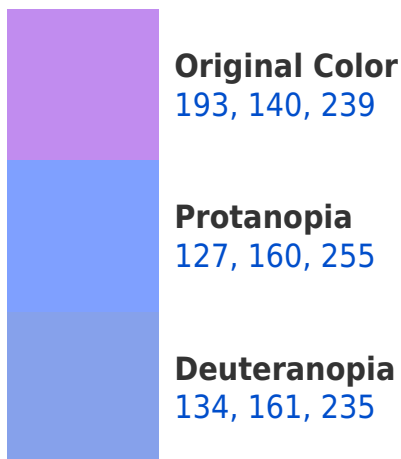


This preview shows how white text looks on a background with the RGB color 193, 140, 239.

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
181, 156, 168

Trichromacy



Original Color

193, 140, 239



Protanomaly

151, 153, 249



Deuteranomaly

155, 153, 236



Tritanomaly

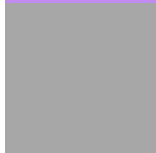
185, 150, 194

Monochromacy



Original Color

193, 140, 239



Achromatopsia

167, 167, 167



Achromatomaly

176, 157, 193

CSS Examples

Text

The CSS property to change the color of the text to RGB 193, 140, 239 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, 140, 239)` looks like.

```
.text, #text, p{  
    color:rgb(193, 140, 239)  
}
```

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, 140, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 140, 239) }
```

Border

The CSS property to change the border of an element to RGB 193, 140, 239 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, 140, 239) }
```

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

```
.border{ border-color:rgb(193, 140, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 140, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 140, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 140, 239);  
box-shadow:4px 4px 4px 4px rgb(193, 140,  
239) }
```

Background

The CSS property to change the background color of an element to RGB 193, 140, 239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 140, 239) }
```

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

```
.background{ background-color: rgb(193,  
140, 239) }
```

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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