

Converting Colors

RGB(193, 161, 247)

Have a look what the booklet for
RGB(193, 161, 247) contains.

RGB(193, 161, 247)	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, 161, 247)

Conversions

Conversions Part 1

Format	Color
Hex	C1A1F7
RGB	193, 161, 247
RGB Percent	76%, 63%, 97%
CMY	0.2431, 0.3686, 0.0314
CMYK	0.22, 0.35, 0.00, 0.03
HSL	262°, 84%, 80%
HSV	262°, 35%, 97%
XYZ	51.5257, 43.5426, 93.6846
YIQ	180.3720, -8.5340, 33.5300

Conversions

Conversions Part 2

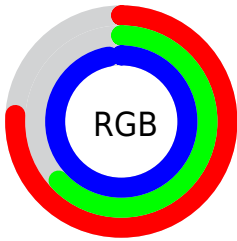
Format	Color
R _Y B	193, 161, 247
Decimal	12689911
CIE Lab	71.92, 28.72, -38.64
CIE LCh	72, 48.140, 306.625
Yxy	43.5426, 0.2730, 0.2307
Android (android.graphics.Color)	4290879991 (0xFFC1A1F7)
YUV	180.3720, 32.8476, 11.0748
Hunter-Lab	65.9868, 23.9045, -37.9860

Details

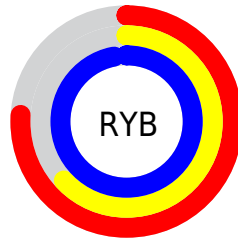
The RGB color **193, 161, 247** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **215, 247, 161**, and the grayscale version is **180, 180, 180**.

A 20% lighter version of the original color is **251, 216, 255**, and **138, 109, 190** is the 20% darker color. If you saturate the color by 10%, you get **177, 136, 247**, and if you desaturate by 10%, it is **209, 186, 247**.

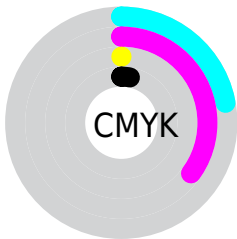
Distribution



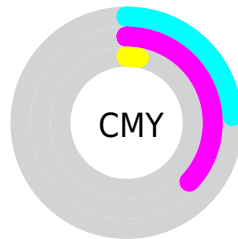
- Red (76%)
- Green (63%)
- Blue (97%)



- Red (76%)
- Yellow (63%)
- Blue (97%)



- Cyan (22%)
- Magenta (35%)
- Yellow (0%)
- Black (3%)



- Cyan (24%)
- Magenta (37%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the RGB color 193, 161, 247 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, 161, 247 by changing the saturation by 10% instead.

 193, 161, 247

255, 255, 255


 251, 216, 255

 255, 245, 255

 193, 161, 247


 165, 135, 218

 138, 109, 190

 111, 84, 163


 85, 61, 136

 60, 38, 111

 34, 17, 86


 11, 0, 62

 0, 3, 39


 0, 1, 17

 193, 161, 247

 193, 161, 247

 177, 136, 247


 209, 186, 247

 162, 112, 247


 224, 210, 247


 146, 87, 247

 240, 235, 247

 131, 62, 247

 255, 255, 247

 115, 37, 247

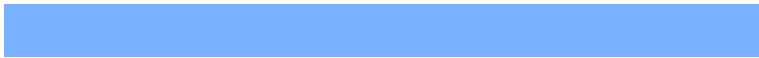
 100, 13, 247

 92, 0, 247

Harmonies

Analogous

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



122, 178, 255



193, 161, 247



239, 146, 212

Triad

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



193, 161, 247



231, 162, 96



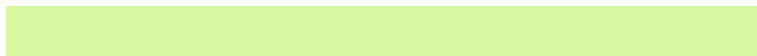
0, 199, 185

Complementary

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



193, 161, 247



215, 247, 161

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.



88, 196, 140



193, 161, 247



194, 177, 86

Square

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



193, 161, 247



255, 147, 126



147, 189, 103



0, 197, 227

Rectangle

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



193, 161, 247



255, 140, 183



147, 189, 103



1, 199, 170

Sweetspot

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



193, 161, 247



239, 230, 255



161, 215, 247



118, 112, 128



0, 0, 0



128, 128, 128

Same Dimension

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



193, 161, 247



188, 148, 255



236, 161, 247



115, 110, 122



69, 0, 186



22, 0, 59

Inverse Universe

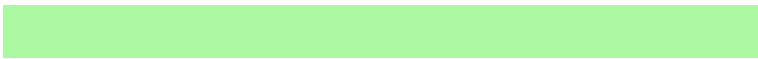
The Inverse Universe completely reimagines the original color for something new.



247, 161, 215



255, 148, 215



172, 247, 161



122, 110, 118



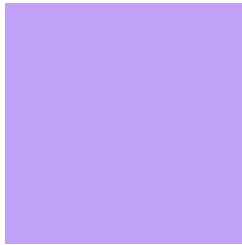
186, 0, 117



59, 0, 37

Previews

White Background



This preview shows how the RGB color 193, 161, 247 looks on a white background.

Color Contrast Check

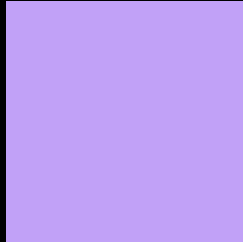
Large Text (above 18pt) WCAG AA × Fail

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, 161, 247 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

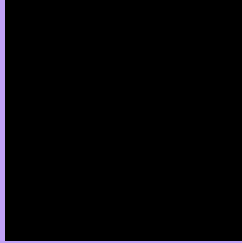
Any Text WCAG AA ✓ Pass

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, 161, 247 Background



This preview shows how black text looks on a background with the RGB color 193, 161, 247.




This preview shows how white text looks on a background with the RGB color 193, 161, 247.

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
182, 173, 187

Trichromacy



Original Color
193, 161, 247

Protanomaly
166, 169, 252

Deuteranomaly
168, 169, 245

Tritanomaly
186, 169, 209

Monochromacy



Original Color
193, 161, 247

Achromatopsia
180, 180, 180

Achromatomaly
185, 173, 204

CSS Examples

Text

The CSS property to change the color of the text to RGB 193, 161, 247 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, 161, 247)` looks like.

```
.text, #text, p{  
    color:rgb(193, 161, 247)  
}
```

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, 161, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 161, 247) }
```

Border

The CSS property to change the border of an element to RGB 193, 161, 247 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, 161, 247) }
```

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

```
.border{ border-color:rgb(193, 161, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 161, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(193, 161, 247); -webkit-box-shadow:4px 4px 4px 4px rgb(193, 161, 247); box-shadow:4px 4px 4px 4px rgb(193, 161, 247) }
```

Background

The CSS property to change the background color of an element to RGB 193, 161, 247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 161, 247) }
```

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

```
.background{ background-color: rgb(193,  
161, 247) }
```

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