

Converting Colors

RGB(193, 15, 247)

Have a look what the booklet for
RGB(193, 15, 247) contains.

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Color

RGB(193, 15, 247)

Conversions

Conversions Part 1

Format	Color
Hex	C10FF7
RGB	193, 15, 247
RGB Percent	76%, 6%, 97%
CMY	0.2431, 0.9412, 0.0314
CMYK	0.22, 0.94, 0.00, 0.03
HSL	286°, 94%, 51%
HSV	286°, 94%, 97%
XYZ	38.9516, 18.3945, 89.4932
YIQ	94.6700, 31.6160, 109.8880

Conversions

Conversions Part 2

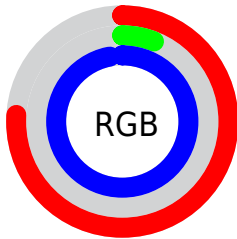
Format	Color
RYB	193, 15, 247
Decimal	12652535
CIELab	49.97, 87.03, -73.60
CIElCh	50, 113.982, 319.780
Yxy	18.3945, 0.2653, 0.1253
Android (android.graphics.Color)	4290842615 (0xFFC10FF7)
YUV	94.6700, 75.0987, 86.2354
Hunter-Lab	42.8888, 87.0584, -93.6943

Details

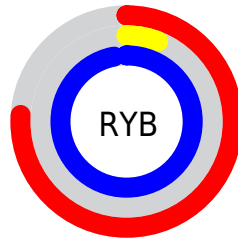
The RGB color **193, 15, 247** is a light color, and the websafe version is hex **CC00FF**. The color can be described as light saturated magenta. A complement of this color would be **69, 247, 15**, and the grayscale version is **94, 94, 94**.

A 20% lighter version of the original color is **254, 97, 255**, and **133, 0, 189** is the 20% darker color. If you saturate the color by 10%, you get **190, 0, 247**, and if you desaturate by 10%, it is **199, 40, 247**.

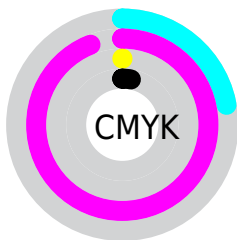
Distribution



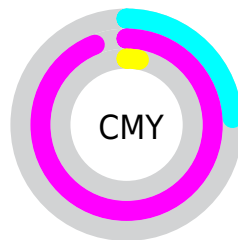
- Red (76%)
- Green (6%)
- Blue (97%)



- Red (76%)
- Yellow (6%)
- Blue (97%)



- Cyan (22%)
- Magenta (94%)
- Yellow (0%)
- Black (3%)



- Cyan (24%)
- Magenta (94%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the RGB color 193, 15, 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, 15, 247 by changing the saturation by 10% instead.



193, 15, 247



193, 15, 247

255, 255, 255



163, 0, 218



254, 97, 255



133, 0, 189



255, 128, 255



103, 0, 161



255, 158, 255



72, 0, 134



255, 188, 255



42, 0, 108



255, 218, 255



0, 0, 83



255, 248, 255



0, 5, 58



0, 2, 36



0, 0, 11

■ 193, 15, 247

■ 193, 15, 247

■ 190, 0, 247

■ 199, 40, 247

■ 204, 64, 247

■ 210, 89, 247

■ 216, 114, 247

■ 222, 139, 247

■ 227, 163, 247

■ 233, 188, 247

■ 239, 213, 247

■ 245, 237, 247

Harmonies

Analogous

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



0, 111, 255



193, 15, 247



255, 0, 156

Triad

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



193, 15, 247



172, 103, 0



0, 154, 183

Complementary

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



193, 15, 247



69, 247, 15

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, 152, 81



193, 15, 247



81, 133, 0

Square

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



193, 15, 247



237, 20, 0



0, 146, 0



0, 154, 255

Rectangle

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



193, 15, 247



255, 0, 93



0, 146, 0



0, 154, 150

Sweetspot

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



193, 15, 247



238, 184, 255



15, 69, 247



117, 84, 128



0, 0, 0



128, 128, 128

Same Dimension

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



193, 15, 247



196, 0, 255



247, 15, 185



120, 110, 122



143, 0, 186



45, 0, 59

Inverse Universe

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



247, 15, 69



255, 0, 59



15, 247, 77



122, 110, 113



186, 0, 43



59, 0, 14

Previews

White Background



This preview shows how the RGB color 193, 15, 247 looks on a white background.

Color Contrast Check

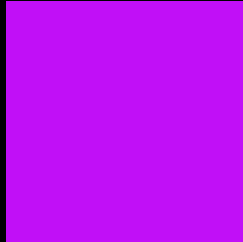
Large Text (above 18pt) WCAG AA ✓ Pass

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, 15, 247 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

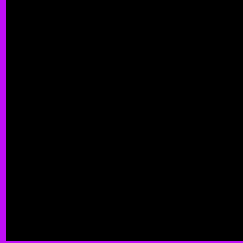
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 193, 15, 247 Background



This preview shows how black text looks on a background with the RGB color 193, 15, 247.



This preview shows how white text looks on a background with the RGB color 193, 15, 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



Original Color

193, 15, 247

Protanopia

0, 116, 243

Deuteranopia

0, 122, 213



Tritanopia
172, 97, 104

Trichromacy



Original Color

193, 15, 247



Protanomaly

70, 79, 244



Deuteranomaly

70, 83, 225



Tritanomaly

180, 67, 156

Monochromacy



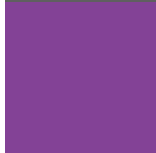
Original Color

193, 15, 247



Achromatopsia

95, 95, 95



Achromatomaly

131, 66, 150

CSS Examples

Text

The CSS property to change the color of the text to RGB 193, 15, 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, 15, 247)` looks like.

```
.text, #text, p{  
    color:rgb(193, 15, 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, 15, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 15, 247) }
```

Border

The CSS property to change the border of an element to RGB 193, 15, 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, 15, 247) }
```

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

```
.border{ border-color:rgb(193, 15, 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, 15, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 15, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 15, 247);  
box-shadow:4px 4px 4px 4px rgb(193, 15,  
247) }
```

Background

The CSS property to change the background color of an element to RGB 193, 15, 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, 15, 247) }
```

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

```
.background{ background-color: rgb(193, 15,  
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](#).

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