

Converting Colors

RGB(140, 85, 251)

Have a look what the booklet for
RGB(140, 85, 251) contains.

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Color

RGB(140, 85, 251)

Conversions

Conversions Part 1

Format	Color
Hex	8C55FB
RGB	140, 85, 251
RGB Percent	55%, 33%, 98%
CMY	0.4510, 0.6667, 0.0157
CMYK	0.44, 0.66, 0.00, 0.02
HSL	260°, 95%, 66%
HSV	260°, 66%, 98%
XYZ	31.4763, 19.0375, 93.2824
YIQ	120.3690, -20.5060, 63.2860

Conversions

Conversions Part 2

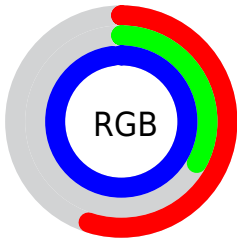
Format	Color
R_{YB}	140, 85, 251
Decimal	9197051
CIE _{Lab}	50.73, 58.29, -74.90
CIE _{LCh}	51, 94.910, 307.894
Yxy	19.0375, 0.2189, 0.1324
Android (android.graphics.Color)	4287387131 (0xFF8C55FB)
YUV	120.3690, 64.4011, 17.2164
Hunter-Lab	43.6320, 52.4148, -96.2159

Details

The RGB color **140, 85, 251** is a light color, and the websafe version is hex **9966FF**. The color can be described as light muted purple. A complement of this color would be **196, 251, 85**, and the grayscale version is **120, 120, 120**.

A 20% lighter version of the original color is **200, 138, 255**, and **78, 32, 193** is the 20% darker color. If you saturate the color by 10%, you get **123, 60, 251**, and if you desaturate by 10%, it is **157, 110, 251**.

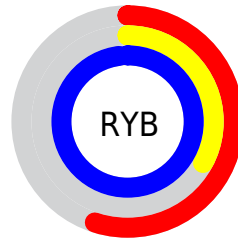
Distribution



Red (55%)

Green (33%)

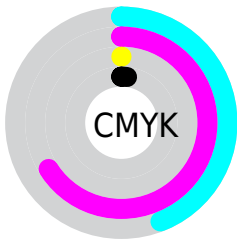
Blue (98%)



Red (55%)

Yellow (33%)

Blue (98%)

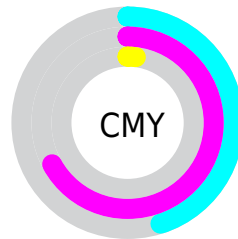


Cyan (44%)

Magenta (66%)

Yellow (0%)

Black (2%)



Cyan (45%)


















Magenta (67%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the RGB color 140, 85, 251 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 140, 85, 251 by changing the saturation by 10% instead.

 140, 85, 251	 140, 85, 251
 255, 255, 255	 110, 59, 222
 200, 138, 255	 78, 32, 193
 231, 165, 255	 41, 0, 165
 255, 193, 255	 0, 0, 138
 255, 221, 255	 0, 0, 112
 255, 251, 255	 0, 0, 86
	 0, 6, 62
	 0, 3, 39
	 0, 1, 16

■ 140, 85, 251

■ 140, 85, 251

■ 123, 60, 251

■ 157, 110, 251

■ 106, 35, 251

■ 174, 135, 251

■ 90, 10, 251

■ 190, 160, 251

■ 83, 0, 251

■ 207, 185, 251

■ 224, 211, 251

■ 241, 236, 251

■ 255, 255, 251

Harmonies

Analogous

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



0, 126, 255



140, 85, 251



229, 0, 184

Triad

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



140, 85, 251



194, 92, 0



0, 152, 141

Complementary

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



140, 85, 251



196, 251, 85

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, 149, 54



140, 85, 251



128, 125, 0

Square

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



140, 85, 251



240, 20, 21



1, 142, 0



0, 152, 220

Rectangle

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



140, 85, 251



252, 0, 130



1, 142, 0



0, 152, 113

Sweetspot

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



140, 85, 251



221, 204, 255



85, 198, 251



107, 97, 128



0, 0, 0



128, 128, 128

Same Dimension

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



140, 85, 251



120, 54, 255



221, 85, 251



117, 112, 125



63, 0, 189



20, 0, 61

Inverse Universe

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



251, 85, 196



255, 54, 188



115, 251, 85



125, 112, 121



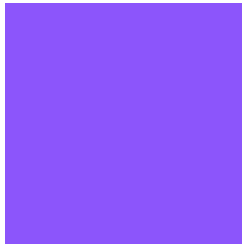
189, 0, 126



61, 0, 41

Previews

White Background



This preview shows how the RGB color 140, 85, 251 looks on a white background.

Color Contrast Check

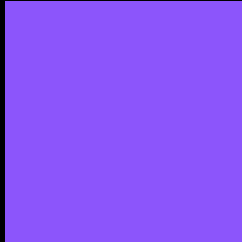
Large Text (above 18pt) WCAG AA ✓ Pass

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 140, 85, 251 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

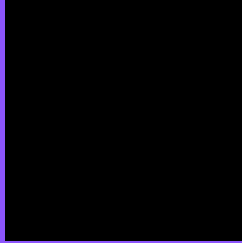
Any Text WCAG AA ✓ Pass

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 140, 85, 251 Background



This preview shows how black text looks on a background with the RGB color 140, 85, 251.

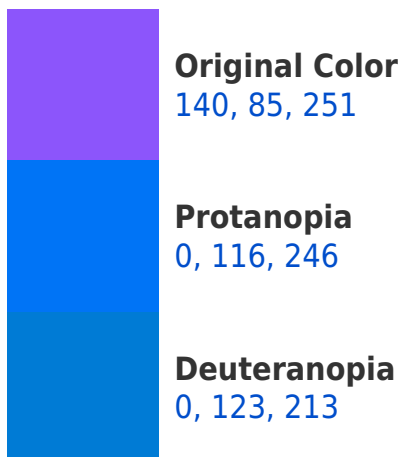


This preview shows how white text looks on a background with the RGB color 140, 85, 251.

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





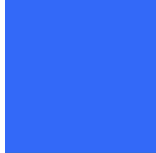
Tritanopia
110, 122, 132

Trichromacy



Original Color

140, 85, 251



Protanomaly

51, 105, 248



Deuteranomaly

51, 109, 227



Tritanomaly

121, 109, 175

Monochromacy



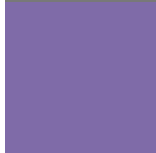
Original Color

140, 85, 251



Achromatopsia

120, 120, 120



Achromatomaly

127, 107, 168

CSS Examples

Text

The CSS property to change the color of the text to RGB 140, 85, 251 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(140, 85, 251)` looks like.

```
.text, #text, p{  
    color:rgb(140, 85, 251)  
}
```

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(140, 85, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 85, 251) }
```

Border

The CSS property to change the border of an element to RGB 140, 85, 251 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(140, 85, 251) }
```

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

```
.border{ border-color:rgb(140, 85, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 85, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 85, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 85, 251);  
box-shadow:4px 4px 4px 4px rgb(140, 85,  
251) }
```

Background

The CSS property to change the background color of an element to RGB 140, 85, 251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 85, 251) }
```

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

```
.background{ background-color: rgb(140, 85,  
251) }
```

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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