

Converting Colors

`RYB(110, 57, 250)`

Have a look what the booklet for
RYB(110, 57, 250) contains.

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Color

R_YB(110, 57, 250)

Conversions

Conversions Part 1

Format	Color
Hex	6E39FA
RGB	110, 57, 250
RGB Percent	43%, 22%, 98%
CMY	0.5686, 0.7765, 0.0196
CMYK	0.56, 0.77, 0.00, 0.02
HSL	256°, 95%, 60%
HSV	256°, 77%, 98%
XYZ	25.1489, 13.1434, 91.6539
YIQ	94.8490, -30.3650, 71.2590

Conversions

Conversions Part 2

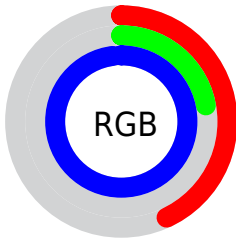
Format	Color
R_{YB}	110, 57, 250
Decimal	7223802
CIE _{Lab}	42.98, 66.78, -87.15
CIE _{LCh}	43, 109.794, 307.459
Yxy	13.1434, 0.1935, 0.1011
Android (android.graphics.Color)	4285413882 (0xFF6E39FA)
YUV	94.8490, 76.4894, 13.2874
Hunter-Lab	36.2538, 60.3793, -124.5145

Details

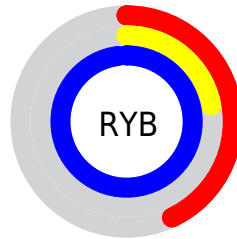
The RYB color **110, 57, 250** is a dark color, and the websafe version is hex **6633FF**. The color can be described as middle washed purple. A complement of this color would be **57, 250, 110**, and the grayscale version is **94, 94, 94**.

A 20% lighter version of the original color is **174, 111, 255**, and **27, 0, 192** is the 20% darker color. If you saturate the color by 10%, you get **92, 32, 250**, and if you desaturate by 10%, it is **128, 82, 250**.

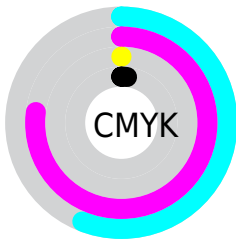
Distribution



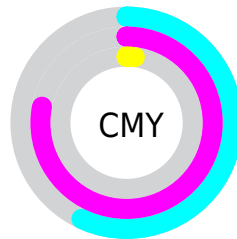
- Red (43%)
- Green (22%)
- Blue (98%)



- Red (43%)
- Yellow (22%)
- Blue (98%)



- Cyan (56%)
- Magenta (77%)
- Yellow (0%)
- Black (2%)





















- Cyan (57%)
- Magenta (78%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the RYB color 110, 57, 250 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 RYB color 110, 57, 250 by changing the saturation by 10% instead.

 110, 57, 250	 110, 57, 250
 255, 255, 255	 75, 28, 221
 174, 111, 255	 27, 0, 192
 205, 138, 255	 0, 0, 164
 236, 165, 255	 0, 0, 137
 255, 193, 255	 0, 0, 110
 255, 222, 255	 0, 11, 84
 255, 251, 255	 0, 5, 60
	 0, 2, 38
	 0, 1, 14

■ 110, 57, 250

■ 110, 57, 250

■ 92, 32, 250

■ 128, 82, 250

■ 74, 7, 250

■ 146, 107, 250

■ 69, 0, 250

■ 164, 132, 250

■ 183, 157, 250

■ 201, 182, 250

■ 219, 207, 250

■ 237, 232, 250

■ 250, 255, 250

Harmonies

Analogous

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



0, 77, 255



110, 57, 250



218, 0, 173

Triad

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



110, 57, 250



177, 105, 0



0, 69, 133

Complementary

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



110, 57, 250



57, 250, 110

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, 116, 130



110, 57, 250



0, 106, 2

Square

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



110, 57, 250



228, 0, 0



0, 123, 123



0, 82, 213

Rectangle

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



110, 57, 250



244, 0, 114



0, 123, 123



0, 78, 132

Sweetspot

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



110, 57, 250



212, 196, 255



57, 139, 250



102, 92, 128



0, 0, 0



128, 128, 128

Same Dimension

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



110, 57, 250



83, 18, 255



205, 57, 250



116, 112, 125



52, 0, 189



17, 0, 61

Inverse Universe

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



250, 57, 197



255, 18, 190



57, 250, 205



125, 112, 122



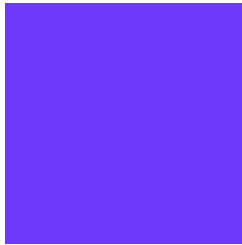
189, 0, 137



61, 0, 44

Previews

White Background



This preview shows how the RYB color 110, 57, 250 looks on a white background.

Color Contrast Check

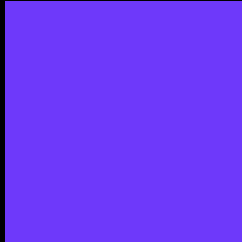
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 110, 57, 250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

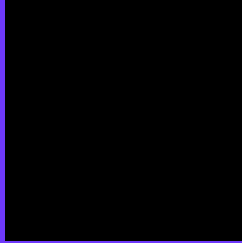
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

RYB 110, 57, 250 Background



This preview shows how black text looks on a background with the RYB color 110, 57, 250.



This preview shows how white text looks on a background with the RYB color 110, 57, 250.

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

110, 57, 250

Protanopia

0, 66, 205

Deuteranopia

0, 65, 176



Tritanopia
61, 87, 117

Trichromacy



Original Color

110, 57, 250



Protanomaly

40, 74, 221



Deuteranomaly

40, 76, 203



Tritanomaly

79, 88, 165

Monochromacy



Original Color

110, 57, 250



Achromatopsia

95, 95, 95



Achromatomaly

100, 81, 151

CSS Examples

Text

The CSS property to change the color of the text to RYB 110, 57, 250 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(110, 57, 250)` looks like.

```
.text, #text, p{  
    color:rgb(110, 57, 250)  
}
```

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(110, 57, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 57, 250) }
```

Border

The CSS property to change the border of an element to RYB 110, 57, 250 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(110, 57, 250) }
```

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

```
.border{ border-color:rgb(110, 57, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 57, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 57, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 57, 250);  
box-shadow:4px 4px 4px 4px rgb(110, 57,  
250) }
```

Background

The CSS property to change the background color of an element to RGB 110, 57, 250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 57, 250) }
```

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

```
.background{ background-color: rgb(110, 57,  
250) }
```

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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