

Converting Colors

`RYB(111, 63, 252)`

Have a look what the booklet for
RYB(111, 63, 252) contains.

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Color

R_YB(111, 63, 252)

Conversions

Conversions Part 1

Format	Color
Hex	6F3FFC
RGB	111, 63, 252
RGB Percent	44%, 25%, 99%
CMY	0.5647, 0.7529, 0.0118
CMYK	0.56, 0.75, 0.00, 0.01
HSL	255°, 97%, 62%
HSV	255°, 75%, 99%
XYZ	25.9037, 13.9628, 93.4253
YIQ	98.8980, -32.0610, 68.9550

Conversions

Conversions Part 2

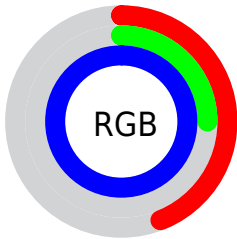
Format	Color
R _Y B	111, 63, 252
Decimal	7290876
CIE Lab	44.18, 64.78, -86.29
CIE LCh	44, 107.900, 306.896
Yxy	13.9628, 0.1943, 0.1048
Android (android.graphics.Color)	4285480956 (0xFF6F3FFC)
YUV	98.8980, 75.4793, 10.6135
Hunter-Lab	37.3668, 58.3493, -122.0812

Details

The RYB color **111, 63, 252** 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 **63, 252, 111**, and the grayscale version is **98, 98, 98**.

A 20% lighter version of the original color is **175, 116, 255**, and **30, 0, 194** is the 20% darker color. If you saturate the color by 10%, you get **92, 38, 252**, and if you desaturate by 10%, it is **130, 88, 252**.

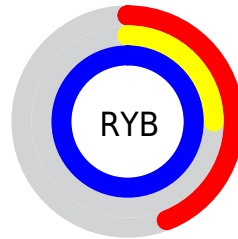
Distribution



Red (44%)

Green (25%)

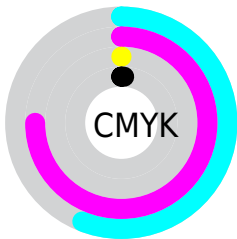
Blue (99%)



Red (44%)

Yellow (25%)

Blue (99%)

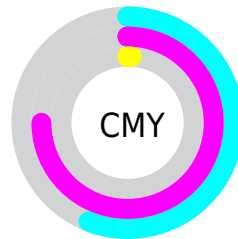


Cyan (56%)

Magenta (75%)

Yellow (0%)

Black (1%)



Cyan (56%)

















Magenta (75%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the RYB color 111, 63, 252 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 111, 63, 252 by changing the saturation by 10% instead.

 111, 63, 252	 111, 63, 252
255, 255, 255	 76, 36, 223
 175, 116, 255	 30, 0, 194
 206, 143, 255	 0, 0, 166
 237, 170, 255	 0, 0, 138
 255, 199, 255	 0, 0, 112
 255, 227, 255	 0, 11, 86
	 0, 5, 62
	 0, 3, 39
	 0, 1, 16

■ 111, 63, 252

■ 111, 63, 252

■ 92, 38, 252

■ 130, 88, 252

■ 73, 13, 252

■ 149, 113, 252

■ 64, 0, 252

■ 167, 139, 252

■ 186, 164, 252

■ 205, 189, 252

■ 224, 214, 252

■ 243, 239, 252

252, 255, 252

Harmonies

Analogous

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



0, 78, 255



111, 63, 252



219, 0, 177

Triad

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



111, 63, 252



181, 112, 0



0, 71, 136

Complementary

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



111, 63, 252



63, 252, 111

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, 133



111, 63, 252



0, 109, 0

Square

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



111, 63, 252



231, 0, 0



0, 126, 126



0, 83, 213

Rectangle

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



111, 63, 252



245, 0, 118



0, 126, 126



0, 80, 135

Sweetspot

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



111, 63, 252



211, 196, 255



63, 144, 252



101, 92, 128



0, 0, 0



128, 128, 128

Same Dimension

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



111, 63, 252



84, 25, 255



205, 63, 252



116, 112, 125



48, 0, 189



16, 0, 61

Inverse Universe

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



252, 63, 204



255, 25, 197



63, 252, 205



125, 112, 122



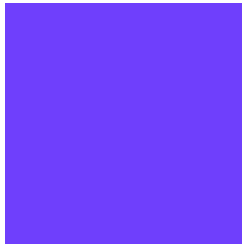
189, 0, 141



61, 0, 46

Previews

White Background



This preview shows how the RYB color 111, 63, 252 looks on a white background.

Color Contrast Check

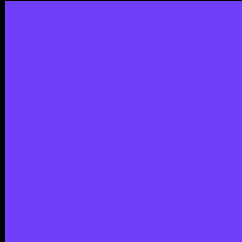
Large Text (above 18pt) WCAG AA ✓ Pass

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 111, 63, 252 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 111, 63, 252 Background



This preview shows how black text looks on a background with the RYB color 111, 63, 252.



This preview shows how white text looks on a background with the RYB color 111, 63, 252.

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
111, 63, 252

Protanopia
0, 68, 211

Deuteranopia
0, 67, 181



Tritanopia
63, 89, 120

Trichromacy



Original Color

111, 63, 252



Protanomaly

40, 78, 226



Deuteranomaly

40, 79, 207



Tritanomaly

80, 92, 168

Monochromacy



Original Color

111, 63, 252



Achromatopsia

99, 99, 99



Achromatomaly

103, 86, 155

CSS Examples

Text

The CSS property to change the color of the text to RYB 111, 63, 252 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(111, 63, 252)` looks like.

```
.text, #text, p{  
    color:rgb(111, 63, 252)  
}
```

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(111, 63, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 63, 252) }
```

Border

The CSS property to change the border of an element to RYB 111, 63, 252 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(111, 63, 252) }
```

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

```
.border{ border-color:rgb(111, 63, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 63, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 63, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 63, 252);  
box-shadow:4px 4px 4px 4px rgb(111, 63,  
252) }
```

Background

The CSS property to change the background color of an element to RGB 111, 63, 252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 63, 252) }
```

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

```
.background{ background-color: rgb(111, 63,  
252) }
```

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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