

Converting Colors

`RYB(128, 111, 251)`

Have a look what the booklet for
RYB(128, 111, 251) contains.

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Color

R_YB(128, 111, 251)

Conversions

Conversions Part 1

Format	Color
Hex	806FFB
RGB	128, 111, 251
RGB Percent	50%, 44%, 98%
CMY	0.4980, 0.5647, 0.0157
CMYK	0.49, 0.56, 0.00, 0.02
HSL	247°, 95%, 71%
HSV	247°, 56%, 98%
XYZ	31.9991, 22.9231, 94.0049
YIQ	132.0430, -34.8080, 47.1440

Conversions

Conversions Part 2

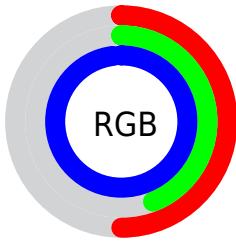
Format	Color
R _Y B	128, 111, 251
Decimal	8417275
CIE Lab	54.99, 41.83, -68.04
CIE LCh	55, 79.868, 301.582
Yxy	22.9231, 0.2149, 0.1539
Android (android.graphics.Color)	4286607355 (0xFF806FFB)
YUV	132.0430, 58.6458, -3.5457
Hunter-Lab	47.8781, 35.5131, -82.8966

Details

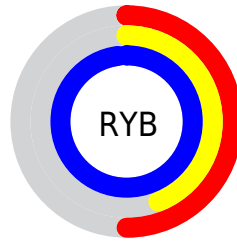
The RYB color **128, 111, 251** is a light color, and the websafe version is hex **6666FF**. A complement of this color would be **111, 251, 128**, and the grayscale version is **132, 132, 132**.

A 20% lighter version of the original color is **188, 163, 255**, and **65, 62, 193** is the 20% darker color. If you saturate the color by 10%, you get **106, 86, 251**, and if you desaturate by 10%, it is **150, 136, 251**.

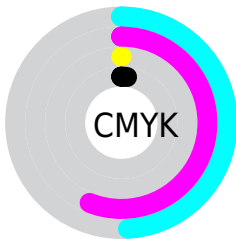
Distribution



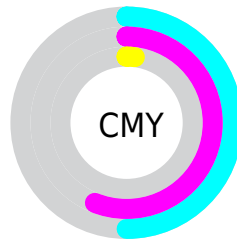
- Red (50%)
- Green (44%)
- Blue (98%)



- Red (50%)
- Yellow (44%)
- Blue (98%)



- Cyan (49%)
- Magenta (56%)
- Yellow (0%)
- Black (2%)



- Cyan (50%)
- Magenta (56%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the RYB color 128, 111, 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 RYB color 128, 111, 251 by changing the saturation by 10% instead.

 128, 111, 251


255, 255, 255

 188, 163, 255

 218, 190, 255

 248, 218, 255


 255, 247, 255


 128, 111, 251

 98, 86, 222

 65, 62, 193

 22, 38, 166

 0, 16, 139

 0, 0, 112

 0, 0, 87

 0, 5, 62

 0, 3, 40

 0, 1, 17

■ 128, 111, 251

■ 128, 111, 251

■ 106, 86, 251

■ 150, 136, 251

■ 84, 61, 251

■ 172, 161, 251

■ 62, 36, 251

■ 194, 186, 251

■ 40, 11, 251

■ 216, 211, 251

■ 30, 0, 251

■ 238, 237, 251

■ 251, 255, 251

Harmonies

Analogous

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



0, 90, 255



128, 111, 251



215, 70, 199

Triad

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



128, 111, 251



210, 195, 0



0, 88, 161

Complementary

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



128, 111, 251



111, 251, 128

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, 114, 157



128, 111, 251



31, 156, 0

Square

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



128, 111, 251



244, 61, 64



0, 148, 63



0, 90, 203

Rectangle

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



128, 111, 251



242, 42, 154



0, 148, 63



0, 95, 160

Sweetspot

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



128, 111, 251



217, 212, 255



111, 177, 251



105, 102, 128



0, 0, 0



128, 128, 128

Same Dimension

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



128, 111, 251



105, 84, 255



197, 111, 251



114, 112, 125



23, 0, 189



7, 0, 61

Inverse Universe

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



251, 111, 234



255, 84, 234



111, 251, 197



125, 112, 123



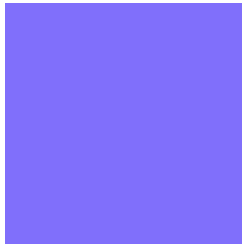
189, 0, 166



61, 0, 54

Previews

White Background



This preview shows how the RYB color 128, 111, 251 looks on a white background.

Color Contrast Check

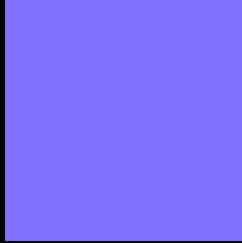
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 128, 111, 251 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

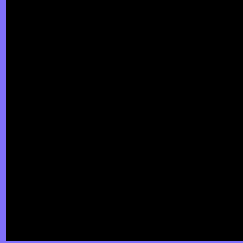
Any Text WCAG AA ✓ Pass

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](#).

RYB 128, 111, 251 Background



This preview shows how black text looks on a background with the RYB color 128, 111, 251.

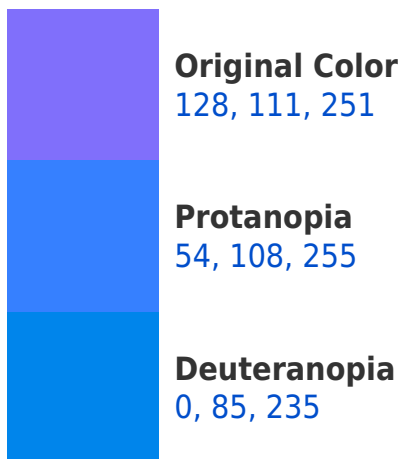


This preview shows how white text looks on a background with the RYB color 128, 111, 251.

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

98, 120, 149

Trichromacy



Original Color

128, 111, 251



Protanomaly

81, 113, 254



Deuteranomaly

47, 103, 241



Tritanomaly

109, 124, 186

Monochromacy



Original Color

128, 111, 251



Achromatopsia

132, 132, 132



Achromatomaly

131, 124, 175

CSS Examples

Text

The CSS property to change the color of the text to RYB 128, 111, 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(128, 111, 251)` looks like.

```
.text, #text, p{  
  color:rgb(128, 111, 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(128, 111, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 111, 251) }
```

Border

The CSS property to change the border of an element to RYB 128, 111, 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(128, 111, 251) }
```

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

```
.border{ border-color:rgb(128, 111, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 111, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 111, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 111, 251);  
box-shadow:4px 4px 4px 4px rgb(128, 111,  
251) }
```

Background

The CSS property to change the background color of an element to RYB 128, 111, 251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 111, 251) }
```

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

```
.background{ background-color: rgb(128,  
111, 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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