

Converting Colors

`RYB(122, 106, 251)`

Have a look what the booklet for
RYB(122, 106, 251) contains.

RYB(122, 106, 251)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(122, 106, 251)

Conversions

Conversions Part 1

Format	Color
Hex	7A6AFB
RGB	122, 106, 251
RGB Percent	48%, 42%, 98%
CMY	0.5216, 0.5843, 0.0157
CMYK	0.51, 0.58, 0.00, 0.02
HSL	247°, 95%, 70%
HSV	247°, 58%, 98%
XYZ	30.5927, 21.4107, 93.7871
YIQ	127.3140, -37.0090, 48.4870

Conversions

Conversions Part 2

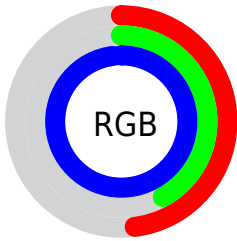
Format	Color
RYB	122, 106, 251
Decimal	8022779
CIELab	53.40, 43.54, -70.65
CIELCh	53, 82.984, 301.646
Yxy	21.4107, 0.2098, 0.1469
Android (android.graphics.Color)	4286212859 (0xFF7A6AFB)
YUV	127.3140, 60.9772, -4.6604
Hunter-Lab	46.2717, 37.0404, -87.7834

Details

The RYB color **122, 106, 251** is a light color, and the websafe version is hex **6666FF**. A complement of this color would be **106, 251, 122**, and the grayscale version is **127, 127, 127**.

A 20% lighter version of the original color is **182, 158, 255**, and **56, 58, 193** is the 20% darker color. If you saturate the color by 10%, you get **100, 81, 251**, and if you desaturate by 10%, it is **144, 131, 251**.

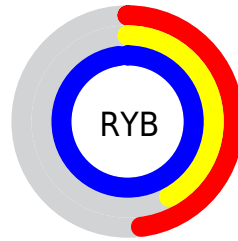
Distribution



Red (48%)

Green (42%)

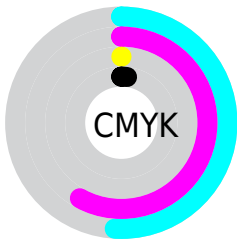
Blue (98%)



Red (48%)

Yellow (42%)

Blue (98%)

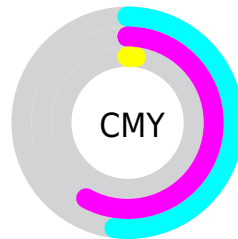


Cyan (51%)

Magenta (58%)

Yellow (0%)

Black (2%)



Cyan (52%)


Magenta (58%)


Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the RYB color 122, 106, 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 122, 106, 251 by changing the saturation by 10% instead.

 122, 106, 251


 122, 106, 251

255, 255, 255

 91, 81, 222


 182, 158, 255

 56, 58, 193

 212, 185, 255

 0, 29, 166

 243, 213, 255

 0, 13, 138

 255, 241, 255

 0, 0, 112

 0, 0, 87

 0, 5, 62

 0, 3, 39

 0, 1, 17

■ 122, 106, 251

■ 122, 106, 251

■ 100, 81, 251

■ 144, 131, 251

■ 77, 56, 251

■ 167, 156, 251

■ 55, 31, 251

■ 189, 181, 251

■ 33, 6, 251

■ 211, 206, 251

■ 28, 0, 251

■ 234, 231, 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, 89, 255



122, 106, 251



213, 60, 197

Triad

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



122, 106, 251



206, 180, 0



0, 86, 157

Complementary

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



122, 106, 251



106, 251, 122

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, 153



122, 106, 251



30, 151, 0

Square

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



122, 106, 251



242, 50, 57



0, 144, 67



0, 88, 201

Rectangle

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



122, 106, 251



241, 19, 151



0, 144, 67



0, 94, 156

Sweetspot

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



122, 106, 251



216, 212, 255



106, 175, 251



105, 102, 128



0, 0, 0



128, 128, 128

Same Dimension

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



122, 106, 251



98, 79, 255



193, 106, 251



114, 112, 125



21, 0, 189



7, 0, 61

Inverse Universe

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



251, 106, 235



255, 79, 236



106, 251, 193



125, 112, 124



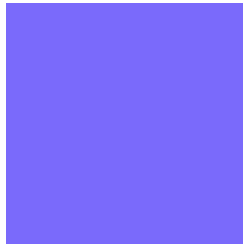
189, 0, 168



61, 0, 54

Previews

White Background



This preview shows how the RYB color 122, 106, 251 looks on a white background.

Color Contrast Check

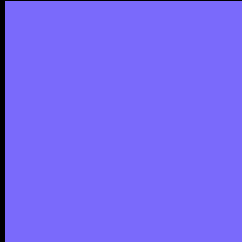
Large Text (above 18pt) WCAG AA ✓ Pass

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 122, 106, 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 122, 106, 251 Background



This preview shows how black text looks on a background with the RYB color 122, 106, 251.

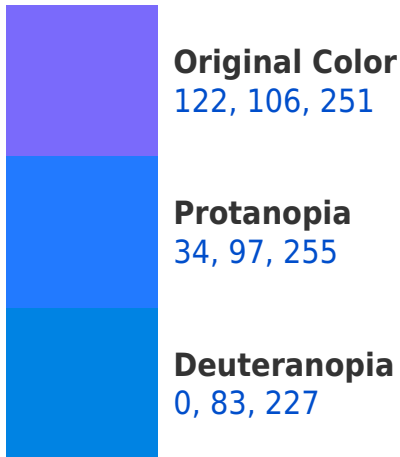


This preview shows how white text looks on a background with the RYB color 122, 106, 251.

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
89, 114, 145

Trichromacy



Original Color

122, 106, 251



Protanomaly

66, 106, 254



Deuteranomaly

44, 99, 236



Tritanomaly

101, 119, 184

Monochromacy



Original Color

122, 106, 251



Achromatopsia

127, 127, 127



Achromatomaly

125, 119, 172

CSS Examples

Text

The CSS property to change the color of the text to RYB 122, 106, 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(122, 106, 251)` looks like.

```
.text, #text, p{  
    color:rgb(122, 106, 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(122, 106, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 106, 251) }
```

Border

The CSS property to change the border of an element to RYB 122, 106, 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(122, 106, 251) }
```

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

```
.border{ border-color:rgb(122, 106, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 106, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 106, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 106, 251);  
box-shadow:4px 4px 4px 4px rgb(122, 106,  
251) }
```

Background

The CSS property to change the background color of an element to RYB 122, 106, 251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 106, 251) }
```

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

```
.background{ background-color: rgb(122,  
106, 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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