

Converting Colors

`RYB(132, 121, 231)`

Have a look what the booklet for
RYB(132, 121, 231) contains.

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Color

R_YB(132, 121, 231)

Conversions

Conversions Part 1

Format	Color
Hex	8479E7
RGB	132, 121, 231
RGB Percent	52%, 47%, 91%
CMY	0.4824, 0.5255, 0.0941
CMYK	0.43, 0.48, 0.00, 0.09
HSL	246°, 70%, 69%
HSV	246°, 48%, 91%
XYZ	30.7769, 24.3498, 78.6792
YIQ	136.8290, -28.7540, 36.5420

Conversions

Conversions Part 2

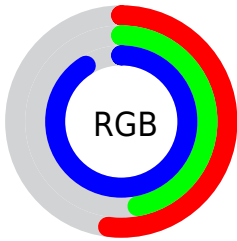
Format	Color
RYB	132, 121, 231
Decimal	8681959
CIELab	56.44, 31.12, -54.58
CIELCh	56, 62.830, 299.690
Yxy	24.3498, 0.2300, 0.1820
Android (android.graphics.Color)	4286872039 (0xFF8479E7)
YUV	136.8290, 46.4263, -4.2350
Hunter-Lab	49.3455, 24.9762, -59.9933

Details

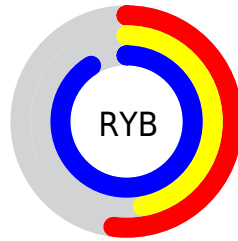
The RYB color **132, 121, 231** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **121, 231, 132**, and the grayscale version is **136, 136, 136**.

A 20% lighter version of the original color is **189, 173, 255**, and **75, 72, 175** is the 20% darker color. If you saturate the color by 10%, you get **111, 98, 231**, and if you desaturate by 10%, it is **153, 144, 231**.

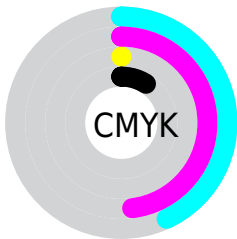
Distribution



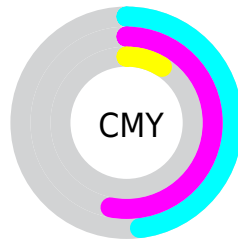
- Red (52%)
- Green (47%)
- Blue (91%)



- Red (52%)
- Yellow (47%)
- Blue (91%)



- Cyan (43%)
- Magenta (48%)
- Yellow (0%)
- Black (9%)




- Cyan (48%)
- Magenta (53%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the RYB color 132, 121, 231 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 132, 121, 231 by changing the saturation by 10% instead.


 132, 121, 231

255, 255, 255

 189, 173, 255

 218, 201, 255

 248, 229, 255

 132, 121, 231

 104, 96, 202

 75, 72, 175

 44, 50, 148

 0, 23, 121

 0, 7, 96

 0, 0, 71

 0, 4, 48

 0, 1, 26

 0, 0, 0

■ 132, 121, 231

■ 132, 121, 231

■ 111, 98, 231

■ 153, 144, 231

■ 90, 75, 231

■ 174, 167, 231

■ 70, 52, 231

■ 194, 190, 231

■ 49, 29, 231

■ 215, 213, 231

■ 28, 6, 231

■ 231, 236, 231

■ 23, 0, 231

■ 231, 255, 231

Harmonies

Analogous

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



0, 90, 245



132, 121, 231



200, 96, 191

Triad

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



132, 121, 231



204, 170, 37



0, 87, 160

Complementary

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



132, 121, 231



121, 231, 132

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, 105, 157



132, 121, 231



35, 162, 0

Square

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



132, 121, 231



229, 88, 85



25, 148, 65



0, 86, 188

Rectangle

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



132, 121, 231



224, 83, 157



25, 148, 65



0, 93, 160

Sweetspot

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



132, 121, 231



223, 219, 255



121, 173, 231



108, 106, 128



0, 0, 0



128, 128, 128

Same Dimension

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



132, 121, 231



124, 110, 255



187, 121, 231



104, 103, 115



18, 0, 179



5, 0, 51

Inverse Universe

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



231, 121, 220



255, 110, 240



121, 231, 187



115, 103, 114



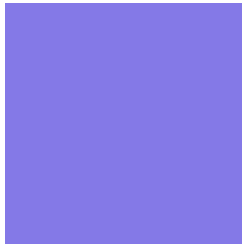
179, 0, 161



51, 0, 46

Previews

White Background



This preview shows how the RYB color 132, 121, 231 looks on a white background.

Color Contrast Check

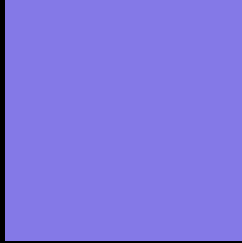
Large Text (above 18pt) WCAG AA ✓ Pass

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 132, 121, 231 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 132, 121, 231 Background



This preview shows how black text looks on a background with the RYB color 132, 121, 231.

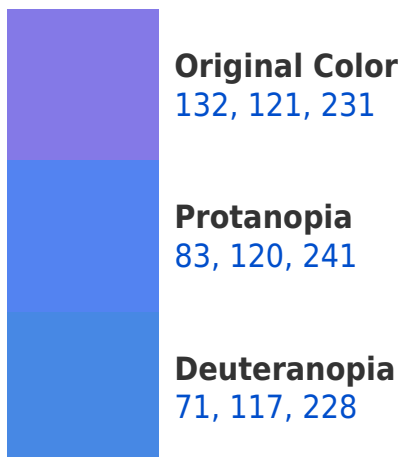


This preview shows how white text looks on a background with the RYB color 132, 121, 231.

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](#).

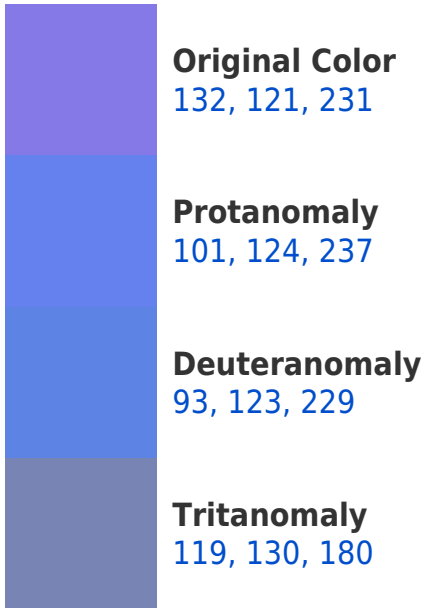
Dichromacy



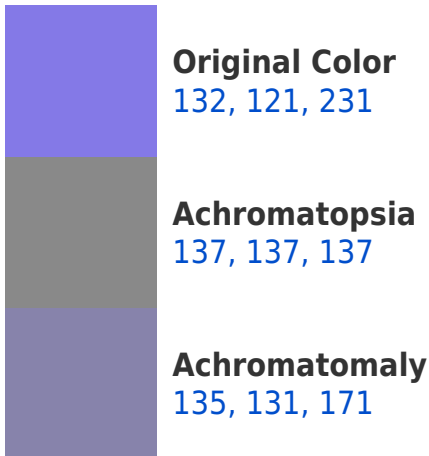


Tritanopia
112, 128, 151

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RYB 132, 121, 231 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(132, 121, 231)` looks like.

```
.text, #text, p{  
    color:rgb(132, 121, 231)  
}
```

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(132, 121, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 121, 231) }
```

Border

The CSS property to change the border of an element to RYB 132, 121, 231 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(132, 121, 231) }
```

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

```
.border{ border-color:rgb(132, 121, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 121, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 121, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 121, 231);  
box-shadow:4px 4px 4px 4px rgb(132, 121,  
231) }
```

Background

The CSS property to change the background color of an element to RYB 132, 121, 231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 121, 231) }
```

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

```
.background{ background-color: rgb(132,  
121, 231) }
```

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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