

Converting Colors

RGB(131, 123, 231)

Have a look what the booklet for
RGB(131, 123, 231) contains.

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Color

RGB(131, 123, 231)

Conversions

Conversions Part 1

Format	Color
Hex	837BE7
RGB	131, 123, 231
RGB Percent	51%, 48%, 91%
CMY	0.4863, 0.5176, 0.0941
CMYK	0.43, 0.47, 0.00, 0.09
HSL	244°, 69%, 69%
HSV	244°, 47%, 91%
XYZ	30.8668, 24.7607, 78.7537
YIQ	137.7040, -29.9000, 35.2840

Conversions

Conversions Part 2

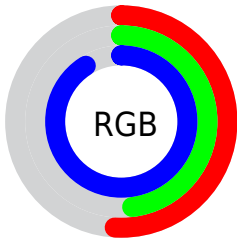
Format	Color
RYB	131, 123, 231
Decimal	8616935
CIELab	56.84, 29.71, -53.94
CIElCh	57, 61.580, 298.844
Yxy	24.7607, 0.2297, 0.1843
Android (android.graphics.Color)	4286807015 (0xFF837BE7)
YUV	137.7040, 45.9949, -5.8794
Hunter-Lab	49.7602, 23.6455, -59.0042

Details

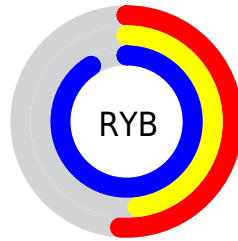
The RGB color **131, 123, 231** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **223, 231, 123**, and the grayscale version is **137, 137, 137**.

A 20% lighter version of the original color is **188, 176, 255**, and **74, 74, 175** is the 20% darker color. If you saturate the color by 10%, you get **110, 100, 231**, and if you desaturate by 10%, it is **152, 146, 231**.

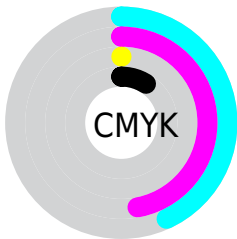
Distribution



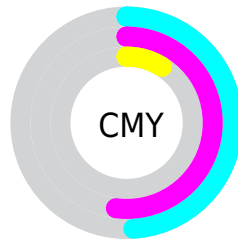
- Red (51%)
- Green (48%)
- Blue (91%)



- Red (51%)
- Yellow (48%)
- Blue (91%)



- Cyan (43%)
- Magenta (47%)
- Yellow (0%)
- Black (9%)





- Cyan (49%)
- Magenta (52%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the RGB color 131, 123, 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 RGB color 131, 123, 231 by changing the saturation by 10% instead.

 131, 123, 231

 131, 123, 231

255, 255, 255

 103, 98, 203

 188, 176, 255

 74, 74, 175

 217, 203, 255

 42, 51, 148

 247, 231, 255

 0, 30, 121

 0, 11, 96

 0, 0, 71

 0, 4, 48

 0, 1, 26

 0, 0, 0

■ 131, 123, 231

■ 131, 123, 231

■ 110, 100, 231

■ 152, 146, 231

■ 88, 77, 231

■ 174, 169, 231

■ 67, 54, 231

■ 195, 192, 231

■ 45, 31, 231

■ 217, 215, 231

■ 24, 8, 231

■ 238, 239, 231

■ 17, 0, 231

■ 255, 255, 231

Harmonies

Analogous

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



0, 143, 244



131, 123, 231



199, 98, 193

Triad

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



131, 123, 231



205, 112, 42



0, 161, 133

Complementary

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



131, 123, 231



223, 231, 123

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.



10, 157, 78



131, 123, 231



164, 133, 2

Square

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



131, 123, 231



229, 90, 88



111, 148, 29



0, 161, 187

Rectangle

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



131, 123, 231



223, 86, 159



111, 148, 29



0, 160, 114

Sweetspot

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



131, 123, 231



222, 219, 255



123, 224, 231



107, 106, 128



0, 0, 0



128, 128, 128

Same Dimension

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



131, 123, 231



123, 112, 255



184, 123, 231



104, 103, 115



13, 0, 179



4, 0, 51

Inverse Universe

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



231, 123, 223



255, 112, 244



170, 231, 123



115, 103, 114



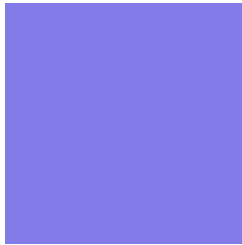
179, 0, 165



51, 0, 47

Previews

White Background



This preview shows how the RGB color 131, 123, 231 looks on a white background.

Color Contrast Check

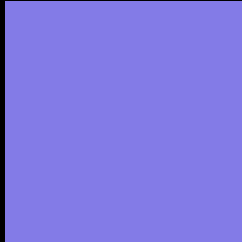
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the RGB color 131, 123, 231 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

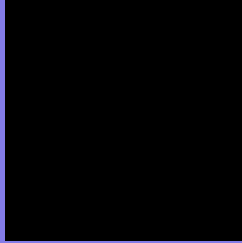
Any Text WCAG AA ✓ Pass

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](#).

RGB 131, 123, 231 Background



This preview shows how black text looks on a background with the RGB color 131, 123, 231.




This preview shows how white text looks on a background with the RGB color 131, 123, 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
111, 141, 152

Trichromacy



Original Color
131, 123, 231

Protanomaly
102, 129, 237

Deuteranomaly
95, 132, 229

Tritanomaly
118, 134, 181

Monochromacy



Original Color
131, 123, 231

Achromatopsia
138, 138, 138

Achromatomaly
135, 133, 172

CSS Examples

Text

The CSS property to change the color of the text to RGB 131, 123, 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(131, 123, 231)` looks like.

```
.text, #text, p{  
  color:rgb(131, 123, 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(131, 123, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 123, 231) }
```

Border

The CSS property to change the border of an element to RGB 131, 123, 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(131, 123, 231) }
```

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

```
.border{ border-color:rgb(131, 123, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 123, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 123, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 123, 231);  
box-shadow:4px 4px 4px 4px rgb(131, 123,  
231) }
```

Background

The CSS property to change the background color of an element to RGB 131, 123, 231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 123, 231) }
```

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

```
.background{ background-color: rgb(131,  
123, 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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