

Converting Colors

RGB(82, 104, 232)

Have a look what the booklet for
RGB(82, 104, 232) contains.

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Color

RGB(82, 104, 232)

Conversions

Conversions Part 1

Format	Color
Hex	5268E8
RGB	82, 104, 232
RGB Percent	32%, 41%, 91%
CMY	0.6784, 0.5922, 0.0902
CMYK	0.65, 0.55, 0.00, 0.09
HSL	231°, 77%, 62%
HSV	231°, 65%, 91%
XYZ	22.9955, 17.5207, 78.5138
YIQ	112.0140, -54.2000, 35.1440

Conversions

Conversions Part 2

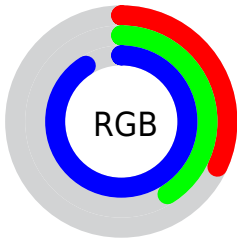
Format	Color
R_{YB}	82, 101, 232
Decimal	5400808
CIE _{Lab}	48.91, 31.78, -67.43
CIE _{LCh}	49, 74.545, 295.230
Yxy	17.5207, 0.1932, 0.1472
Android (android.graphics.Color)	4283590888 (0xFF5268E8)
YUV	112.0140, 59.1531, -26.3223
Hunter-Lab	41.8577, 24.8121, -81.9117

Details

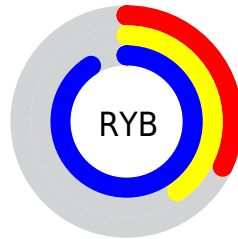
The RGB color **82, 104, 232** is a dark color, and the websafe version is hex **3366FF**. The color can be described as middle muted azure. A complement of this color would be **232, 210, 82**, and the grayscale version is **111, 111, 111**.

A 20% lighter version of the original color is **145, 155, 255**, and **0, 58, 175** is the 20% darker color. If you saturate the color by 10%, you get **59, 84, 232**, and if you desaturate by 10%, it is **105, 124, 232**.

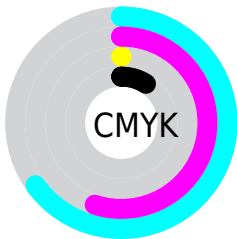
Distribution



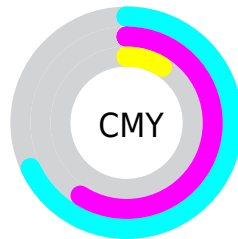
- Red (32%)
- Green (41%)
- Blue (91%)



- Red (32%)
- Yellow (40%)
- Blue (91%)



- Cyan (65%)
- Magenta (55%)
- Yellow (0%)
- Black (9%)



















- Cyan (68%)
- Magenta (59%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the RGB color 82, 104, 232 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 82, 104, 232 by changing the saturation by 10% instead.

 82, 104, 232	 82, 104, 232
 255, 255, 255	 43, 80, 203
 145, 155, 255	 0, 58, 175
 176, 182, 255	 0, 37, 148
 206, 209, 255	 0, 19, 121
 237, 237, 255	 0, 0, 96
	 0, 8, 71
	 0, 4, 48
	 0, 1, 26
	 0, 0, 0

■ 82, 104, 232

■ 82, 104, 232

■ 59, 84, 232

■ 105, 124, 232

■ 36, 64, 232

■ 128, 144, 232

■ 12, 45, 232

■ 152, 163, 232

■ 0, 34, 232

■ 175, 183, 232

■ 198, 203, 232

■ 221, 223, 232

■ 244, 243, 232

■ 255, 255, 232

Harmonies

Analogous

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



0, 128, 244



82, 104, 232



180, 68, 189

Triad

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



82, 104, 232



195, 81, 0



0, 142, 104

Complementary

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



82, 104, 232



232, 210, 82

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, 138, 35



82, 104, 232



150, 110, 0

Square

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



82, 104, 232



222, 42, 67



89, 128, 0



0, 143, 169

Rectangle

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



82, 104, 232



211, 39, 150



89, 128, 0



0, 141, 82

Sweetspot

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



82, 104, 232



207, 214, 255



82, 232, 209



98, 102, 128



0, 0, 0



128, 128, 128

Same Dimension

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



82, 104, 232



56, 85, 255



134, 82, 232



103, 105, 115



0, 26, 179



0, 7, 51

Inverse Universe

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



232, 82, 104



255, 56, 85



179, 232, 82



115, 103, 105



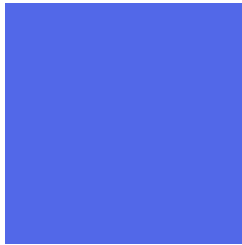
179, 0, 26



51, 0, 7

Previews

White Background



This preview shows how the RGB color 82, 104, 232 looks on a white background.

Color Contrast Check

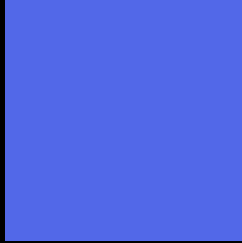
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 82, 104, 232 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

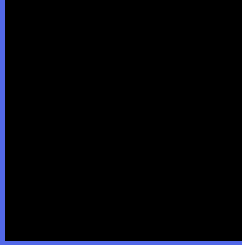
Any Text WCAG AA ✓ Pass

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 82, 104, 232 Background



This preview shows how black text looks on a background with the RGB color 82, 104, 232.

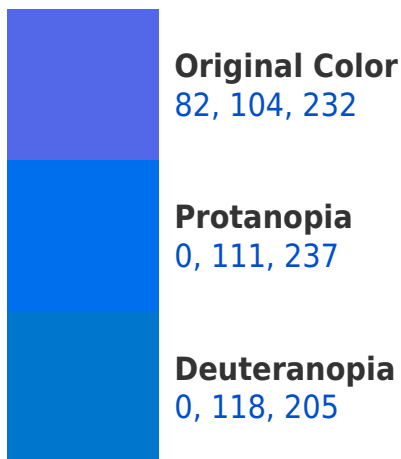


This preview shows how white text looks on a background with the RGB color 82, 104, 232.

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
15, 128, 139

Trichromacy



Original Color
82, 104, 232

Protanomaly
30, 108, 235

Deuteranomaly
30, 113, 215

Tritanomaly
39, 119, 173

Monochromacy



Original Color
82, 104, 232

Achromatopsia
112, 112, 112

Achromatomaly
101, 109, 156

CSS Examples

Text

The CSS property to change the color of the text to RGB 82, 104, 232 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(82, 104, 232)` looks like.

```
.text, #text, p{  
    color:rgb(82, 104, 232)  
}
```

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(82, 104, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 104, 232) }
```

Border

The CSS property to change the border of an element to RGB 82, 104, 232 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(82, 104, 232) }
```

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

```
.border{ border-color:rgb(82, 104, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 104, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 104, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 104, 232);  
box-shadow:4px 4px 4px 4px rgb(82, 104,  
232) }
```

Background

The CSS property to change the background color of an element to RGB 82, 104, 232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 104, 232) }
```

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

```
.background{ background-color: rgb(82, 104,  
232) }
```

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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