

Converting Colors

RGB(0, 101, 250)

Have a look what the booklet for
RGB(0, 101, 250) contains.

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Color

RGB(0, 101, 250)

Conversions

Conversions Part 1

Format	Color
Hex	0065FA
RGB	0, 101, 250
RGB Percent	0%, 40%, 98%
CMY	1.0000, 0.6039, 0.0196
CMYK	1.00, 0.60, 0.00, 0.02
HSL	216°, 100%, 49%
HSV	216°, 100%, 98%
XYZ	21.9090, 16.2095, 92.4165
YIQ	87.7870, -108.0250, 24.9270

Conversions

Conversions Part 2

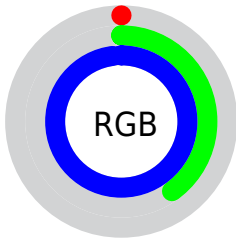
Format	Color
RYB	0, 72, 250
Decimal	26106
CIELab	47.25, 33.95, -80.31
CIELCh	47, 87.194, 292.915
Yxy	16.2095, 0.1678, 0.1242
Android (android.graphics.Color)	4278216186 (0xFF0065FA)
YUV	87.7870, 79.9710, -76.9892
Hunter-Lab	40.2610, 26.6783, -107.9136

Details

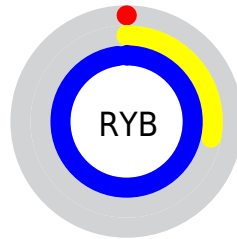
The RGB color `0, 101, 250` is a dark color, and the websafe version is hex `0066FF`. The color can be described as dark saturated azure. A complement of this color would be `250, 149, 0`, and the grayscale version is `87, 87, 87`.

A 20% lighter version of the original color is `113, 151, 255`, and `0, 56, 192` is the 20% darker color. If you saturate the color by 10%, you get `0, 101, 250`, and if you desaturate by 10%, it is `25, 116, 250`.

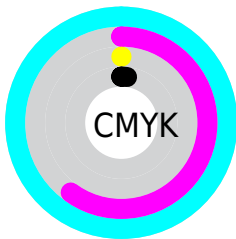
Distribution



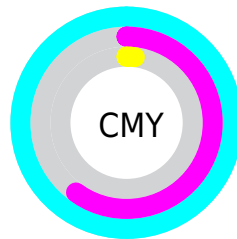
- Red (0%)
- Green (40%)
- Blue (98%)



- Red (0%)
- Yellow (28%)
- Blue (98%)



- Cyan (100%)
- Magenta (60%)
- Yellow (0%)
- Black (2%)




















- Cyan (100%)
- Magenta (60%)
- Yellow (2%)


Brightness & Saturation Gradients


These gradients show how the RGB color 0, 101, 250 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 0, 101, 250 by changing the saturation by 10% instead.


 0, 101, 250	 0, 101, 250
 255, 255, 255	 0, 78, 221
 113, 151, 255	 0, 56, 192
 147, 178, 255	 0, 36, 164
 180, 205, 255	 0, 20, 137
 212, 233, 255	 0, 3, 111
 244, 255, 255	 0, 12, 85
	 0, 6, 61
	 0, 3, 38
	 0, 1, 15

 0, 101, 250


 25, 116, 250

 50, 131, 250

 75, 146, 250

 100, 161, 250

 125, 176, 250

 150, 190, 250

 175, 205, 250

 200, 220, 250

 225, 235, 250

Harmonies

Analogous

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



0, 127, 255



0, 101, 250



179, 51, 202

Triad

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



0, 101, 250



203, 64, 0



0, 140, 92

Complementary

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



0, 101, 250



250, 149, 0

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, 135, 0



0, 101, 250



151, 103, 0

Square

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



0, 101, 250



232, 0, 61



83, 125, 0



0, 141, 168

Rectangle

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



0, 101, 250



217, 0, 157



83, 125, 0



0, 139, 65

Sweetspot

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



0, 101, 250



179, 209, 255



0, 250, 146



82, 100, 128



0, 0, 0



128, 128, 128

Same Dimension

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



0, 101, 250



0, 103, 255



21, 0, 250



112, 118, 125



0, 76, 189



0, 25, 61

Inverse Universe

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



250, 0, 101



255, 0, 103



229, 250, 0



125, 112, 118



189, 0, 76



61, 0, 25

Previews

White Background



This preview shows how the RGB color 0, 101, 250 looks on a white background.

Color Contrast Check

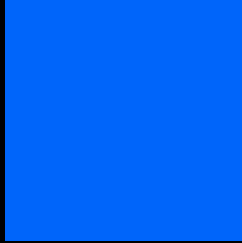
Large Text (above 18pt) WCAG AA ✓ Pass

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 0, 101, 250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

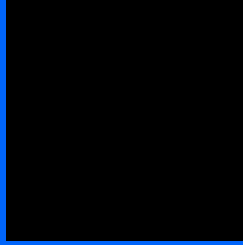
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

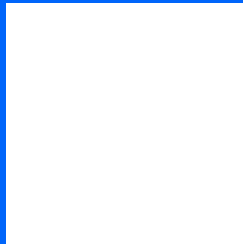
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 0, 101, 250 Background



This preview shows how black text looks on a background with the RGB color 0, 101, 250.



This preview shows how white text looks on a background with the RGB color 0, 101, 250.

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



Original Color

0, 101, 250

Protanopia

0, 107, 227

Deuteranopia

0, 114, 195



Tritanopia
0, 124, 131

Trichromacy



Original Color

0, 101, 250

Protanomaly

0, 105, 235

Deuteranomaly

0, 109, 215

Tritanomaly

0, 116, 174

Monochromacy



Original Color

0, 101, 250

Achromatopsia

88, 88, 88

Achromatomaly

56, 93, 147

CSS Examples

Text

The CSS property to change the color of the text to RGB 0, 101, 250 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(0, 101, 250)` looks like.

```
.text, #text, p{  
    color:rgb(0, 101, 250)  
}
```

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(0, 101, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 101, 250) }
```

Border

The CSS property to change the border of an element to RGB 0, 101, 250 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(0, 101, 250) }
```

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

```
.border{ border-color:rgb(0, 101, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 101, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 101, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 101, 250);  
box-shadow:4px 4px 4px 4px rgb(0, 101,  
250) }
```

Background

The CSS property to change the background color of an element to RGB 0, 101, 250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 101, 250) }
```

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

```
.background{ background-color: rgb(0, 101,  
250) }
```

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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