

Converting Colors

RGB(0, 87, 240)

Have a look what the booklet for
RGB(0, 87, 240) contains.

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Color

RGB(0, 87, 240)

Conversions

Conversions Part 1

Format	Color
Hex	0057F0
RGB	0, 87, 240
RGB Percent	0%, 34%, 94%
CMY	1.0000, 0.6588, 0.0588
CMYK	1.00, 0.64, 0.00, 0.06
HSL	218°, 100%, 47%
HSV	218°, 100%, 94%
XYZ	19.1364, 13.1077, 83.9595
YIQ	78.4290, -100.9650, 29.1390

Conversions

Conversions Part 2

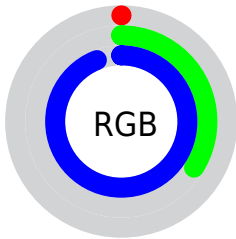
Format	Color
R _Y B	0, 64, 240
Decimal	22512
CIE Lab	42.93, 39.06, -81.81
CIE LCh	43, 90.654, 295.526
Yxy	13.1077, 0.1647, 0.1128
Android (android.graphics.Color)	4278212592 (0xFF0057F0)
YUV	78.4290, 79.6545, -68.7822
Hunter-Lab	36.2045, 30.9907, -112.1524

Details

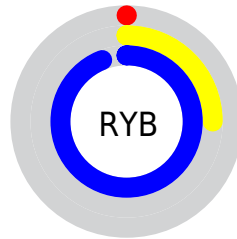
The RGB color **0, 87, 240** is a dark color, and the websafe version is hex **3366FF**. The color can be described as dark saturated blue. A complement of this color would be **240, 153, 0**, and the grayscale version is **78, 78, 78**.

A 20% lighter version of the original color is **111, 136, 255**, and **0, 43, 183** is the 20% darker color. If you saturate the color by 10%, you get **0, 87, 240**, and if you desaturate by 10%, it is **24, 102, 240**.

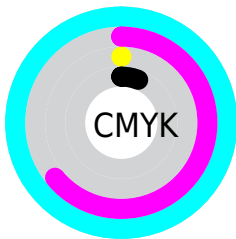
Distribution



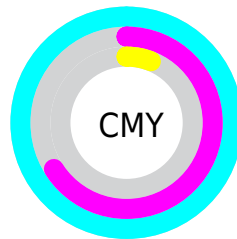
- Red (0%)
- Green (34%)
- Blue (94%)



- Red (0%)
- Yellow (25%)
- Blue (94%)



- Cyan (100%)
- Magenta (64%)
- Yellow (0%)
- Black (6%)




















- Cyan (100%)
- Magenta (66%)
- Yellow (6%)


Brightness & Saturation Gradients


These gradients show how the RGB color 0, 87, 240 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, 87, 240 by changing the saturation by 10% instead.


 0, 87, 240	 0, 87, 240
 255, 255, 255	 0, 64, 211
 111, 136, 255	 0, 43, 183
 145, 162, 255	 0, 25, 155
 177, 189, 255	 0, 5, 128
 209, 217, 255	 0, 10, 102
 241, 246, 255	 0, 10, 77
	 0, 5, 53
	 0, 2, 31
	 0, 0, 2


 0, 87, 240


 24, 102, 240

 48, 118, 240

 72, 133, 240

 96, 148, 240

 120, 164, 240

 144, 179, 240

 168, 194, 240

 192, 209, 240

 216, 225, 240

Harmonies

Analogous

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



0, 116, 255



0, 87, 240



175, 14, 188

Triad

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



0, 87, 240



187, 53, 0



0, 129, 88

Complementary

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



0, 87, 240



240, 153, 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, 125, 0



0, 87, 240



134, 95, 0

Square

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



0, 87, 240



220, 0, 43



59, 115, 0



0, 130, 165

Rectangle

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



0, 87, 240



211, 0, 141



59, 115, 0



0, 128, 61

Sweetspot

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



0, 87, 240



179, 206, 255



0, 240, 152



82, 98, 128



0, 0, 0



128, 128, 128

Same Dimension

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



0, 87, 240



0, 92, 255



32, 0, 240



108, 112, 120



0, 67, 184



0, 20, 56

Inverse Universe

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



240, 0, 87



255, 0, 92



208, 240, 0



120, 108, 112



184, 0, 67



56, 0, 20

Previews

White Background



This preview shows how the RGB color 0, 87, 240 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, 87, 240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

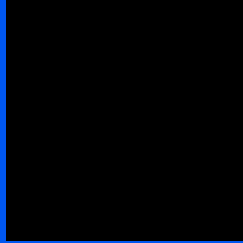
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

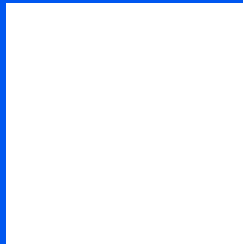
Any Text WCAG AAA × Fail

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

RGB 0, 87, 240 Background



This preview shows how black text looks on a background with the RGB color 0, 87, 240.

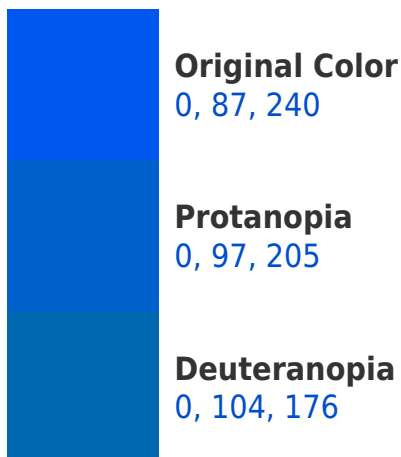


This preview shows how white text looks on a background with the RGB color 0, 87, 240.

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
0, 112, 118

Trichromacy



Original Color

0, 87, 240

Protanomaly

0, 93, 218

Deuteranomaly

0, 98, 199

Tritanomaly

0, 103, 162

Monochromacy



Original Color

0, 87, 240

Achromatopsia

78, 78, 78

Achromatomaly

50, 81, 137

CSS Examples

Text

The CSS property to change the color of the text to RGB 0, 87, 240 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, 87, 240)` looks like.

```
.text, #text, p{  
    color:rgb(0, 87, 240)  
}
```

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, 87, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 87, 240) }
```

Border

The CSS property to change the border of an element to RGB 0, 87, 240 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, 87, 240) }
```

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

```
.border{ border-color:rgb(0, 87, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 87, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 87, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 87, 240);  
box-shadow:4px 4px 4px 4px rgb(0, 87, 240)  
}
```

Background

The CSS property to change the background color of an element to RGB 0, 87, 240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 87, 240) }
```

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

```
.background{ background-color: rgb(0, 87,  
240) }
```

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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