

Converting Colors

RGB(0, 90, 229)

Have a look what the booklet for
RGB(0, 90, 229) contains.

RGB(0, 90, 229)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(0, 90, 229)

Conversions

Conversions Part 1

Format	Color
Hex	005AE5
RGB	0, 90, 229
RGB Percent	0%, 35%, 90%
CMY	1.0000, 0.6471, 0.1020
CMYK	1.00, 0.61, 0.00, 0.10
HSL	216°, 100%, 45%
HSV	216°, 100%, 90%
XYZ	17.7990, 12.9695, 75.6940
YIQ	78.9360, -98.2590, 24.1490

Conversions

Conversions Part 2

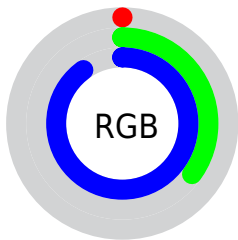
Format	Color
RYB	0, 65, 229
Decimal	23269
CIELab	42.72, 32.97, -75.94
CIELCh	43, 82.784, 293.468
Yxy	12.9695, 0.1672, 0.1218
Android (android.graphics.Color)	4278213349 (0xFF005AE5)
YUV	78.9360, 73.9816, -69.2269
Hunter-Lab	36.0132, 25.1982, -99.4091

Details

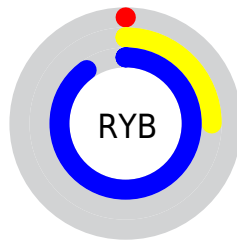
The RGB color **0, 90, 229** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark washed blue. A complement of this color would be **229, 139, 0**, and the grayscale version is **78, 78, 78**.

A 20% lighter version of the original color is **107, 139, 255**, and **0, 46, 172** is the 20% darker color. If you saturate the color by 10%, you get **0, 90, 229**, and if you desaturate by 10%, it is **23, 104, 229**.

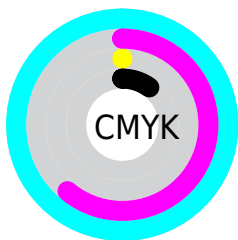
Distribution



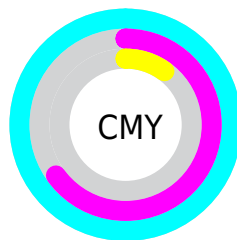
- Red (0%)
- Green (35%)
- Blue (90%)



- Red (0%)
- Yellow (25%)
- Blue (90%)



- Cyan (100%)
- Magenta (61%)
- Yellow (0%)
- Black (10%)




















- Cyan (100%)
- Magenta (65%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the RGB color 0, 90, 229 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, 90, 229 by changing the saturation by 10% instead.

 0, 90, 229	 0, 90, 229
 255, 255, 255	 0, 67, 200
 107, 139, 255	 0, 46, 172
 141, 166, 255	 0, 27, 145
 173, 193, 255	 0, 7, 118
 204, 220, 255	 0, 13, 93
 235, 249, 255	 0, 7, 68
	 0, 3, 45
	 0, 1, 23
	 0, 0, 0

■ 0, 90, 229

■ 23, 104, 229

■ 46, 118, 229

■ 69, 132, 229

■ 92, 146, 229

■ 115, 159, 229

■ 137, 173, 229

■ 160, 187, 229

■ 183, 201, 229

■ 206, 215, 229

Harmonies

Analogous

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



0, 115, 240



0, 90, 229



164, 41, 184

Triad

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



0, 90, 229



184, 56, 0



0, 127, 83

Complementary

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



0, 90, 229



229, 139, 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, 122, 0



0, 90, 229



136, 93, 0

Square

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



0, 90, 229



212, 0, 52



71, 113, 0



0, 128, 154

Rectangle

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



0, 90, 229



199, 0, 142



71, 113, 0



0, 126, 59

Sweetspot

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



0, 90, 229



179, 209, 255



0, 229, 137



82, 100, 128



0, 0, 0



128, 128, 128

Same Dimension

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



0, 90, 229



0, 100, 255



23, 0, 229



103, 108, 115



0, 70, 179



0, 20, 51

Inverse Universe

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



229, 0, 90



255, 0, 100



206, 229, 0



115, 103, 108



179, 0, 70



51, 0, 20

Previews

White Background



This preview shows how the RGB color 0, 90, 229 looks on a white background.

Color Contrast Check

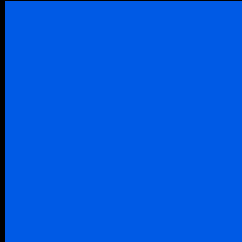
Large Text (above 18pt) WCAG AA ✓ Pass

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, 90, 229 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

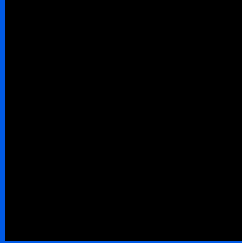
Any Text WCAG AA × Fail

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, 90, 229 Background



This preview shows how black text looks on a background with the RGB color 0, 90, 229.



This preview shows how white text looks on a background with the RGB color 0, 90, 229.

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, 90, 229

Protanopia

0, 97, 205

Deuteranopia

0, 103, 175



Tritanopia
0, 112, 118

Trichromacy



Original Color

0, 90, 229

Protanomaly

0, 94, 214

Deuteranomaly

0, 98, 195

Tritanomaly

0, 104, 158

Monochromacy



Original Color

0, 90, 229

Achromatopsia

79, 79, 79

Achromatomaly

50, 83, 134

CSS Examples

Text

The CSS property to change the color of the text to RGB 0, 90, 229 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, 90, 229)` looks like.

```
.text, #text, p{  
    color:rgb(0, 90, 229)  
}
```

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, 90, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 90, 229) }
```

Border

The CSS property to change the border of an element to RGB 0, 90, 229 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, 90, 229) }
```

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

```
.border{ border-color:rgb(0, 90, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 90, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 90, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 90, 229);  
box-shadow:4px 4px 4px 4px rgb(0, 90, 229)  
}
```

Background

The CSS property to change the background color of an element to RGB 0, 90, 229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 90, 229) }
```

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

```
.background{ background-color: rgb(0, 90,  
229) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor