

# Converting Colors

Decimal(30459)

Have a look what the booklet for  
Decimal(30459) contains.

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# Color

**Decimal(30459)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0076FB
RGB	0, 118, 251
RGB Percent	0%, 46%, 98%
CMY	1.0000, 0.5373, 0.0157
CMYK	1.00, 0.53, 0.00, 0.02
HSL	212°, 100%, 49%
HSV	212°, 100%, 98%
XYZ	23.8910, 19.9219, 93.8529
YIQ	97.8800, -113.0210, 16.3470

# Conversions

## Conversions Part 2

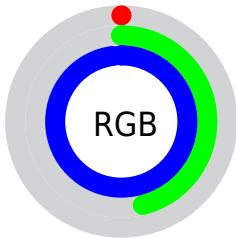
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	0, 80, 251
Decimal	30459
CIE Lab	51.75, 23.53, -73.53
CIE LCh	52, 77.203, 287.745
Yxy	19.9219, 0.1735, 0.1447
Android (android.graphics.Color)	4278220539 (0xFF0076FB)
YUV	97.8800, 75.4882, -85.8408
Hunter-Lab	44.6340, 17.4355, -93.4268

# Details

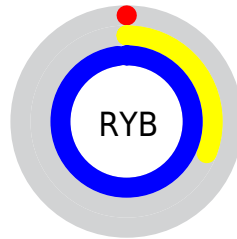
The Decimal color **30459** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark saturated azure. A complement of this color would be **16483584**, and the grayscale version is **6381921**.

A 20% lighter version of the original color is **7383551**, and **18369** is the 20% darker color. If you saturate the color by 10%, you get **30459**, and if you desaturate by 10%, it is **1672187**.

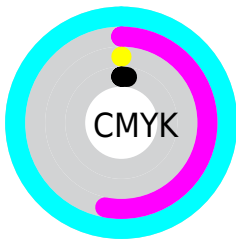
# Distribution



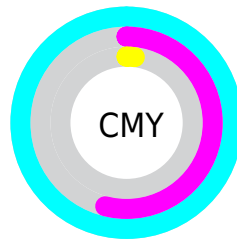
- Red (0%)
- Green (46%)
- Blue (98%)



- Red (0%)
- Yellow (31%)
- Blue (98%)



- Cyan (100%)
- Magenta (53%)
- Yellow (0%)
- Black (2%)




















- Cyan (100%)
- Magenta (54%)
- Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 30459 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 Decimal color 30459 by changing the saturation by 10% instead.



 30459	 30459
 16777215	 24286
 7383551	 18369
 9618687	 12966
 11723007	 8330
 13827583	 2416
 15925247	 3159
	 1598
	 807
	 273

■ 30459

■ 1672187

■ 3314171

■ 4955899

■ 6597627

■ 8304891

■ 9946875

■ 11588603

■ 13230331

■ 14872315

# Harmonies

## Analogous

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



35838



30459



11359189

# Triad

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



30459



14109972



38493

# Complementary

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



30459



16483584

# 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.



36877



30459



11300608

# Square

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



30459



15476056



7439360



39074

# Rectangle

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



30459



13973167



7439360



38214



# Sweetspot

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



30459



11785983



64386



5400448



0



8421504



# Same Dimension

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



30459



30975



262395



7370365



22973



7485



# Inverse Universe

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



16449654



16711800



16251648



8220790



12386393



3997725



# Previews

## White Background



This preview shows how the Decimal color 30459 looks on a white background.

## Color Contrast Check

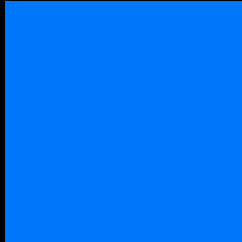
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



This preview shows how the Decimal color 30459 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

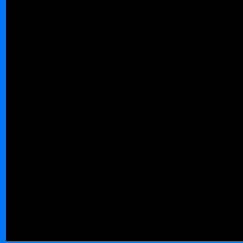
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

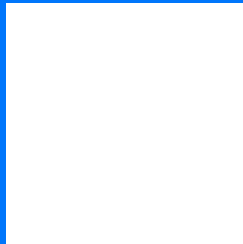
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 30459 Background



This preview shows how black text looks on a background with the Decimal color 30459.

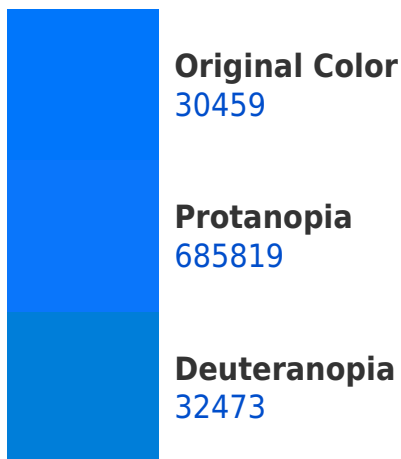


This preview shows how white text looks on a background with the Decimal color 30459.

# 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](#).

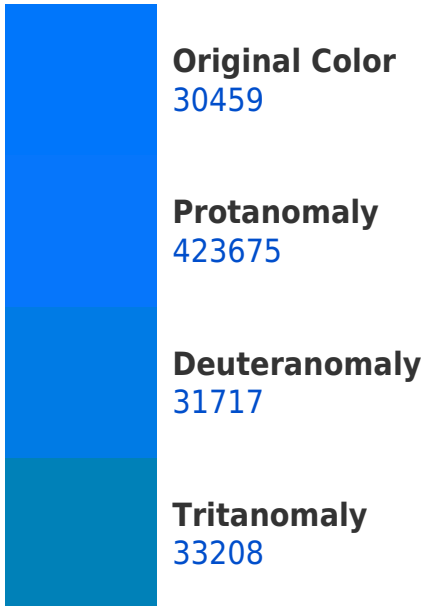
## Dichromacy





**Tritanopia**  
34961

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 30459 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 #0076FB looks like.

```
.text, #text, p{  
  color:#0076FB  
}
```

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 #0076FB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0076FB
}
```

## Border

The CSS property to change the border of an element to Decimal 30459 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
#0076FB }
```

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

```
.border{ border-color:#0076FB }
```

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

Here you see how a box with a 4 pixel #0076FB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0076FB; -webkit-box-shadow:4px 4px  
4px 4px #0076FB; box-shadow:4px 4px 4px  
4px #0076FB }
```

# Background

The CSS property to change the background color of an element to Decimal 30459 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0076FB }
```

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

```
.background{ background-color:#0076FB }
```

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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