

# Converting Colors

Decimal(30193)

Have a look what the booklet for  
Decimal(30193) contains.

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# Color

**Decimal(30193)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0075F1
RGB	0, 117, 241
RGB Percent	0%, 46%, 95%
CMY	1.0000, 0.5412, 0.0549
CMYK	1.00, 0.51, 0.00, 0.05
HSL	211°, 100%, 47%
HSV	211°, 100%, 95%
XYZ	22.2385, 19.0735, 85.7285
YIQ	96.1530, -109.5360, 13.7600

# Conversions

## Conversions Part 2

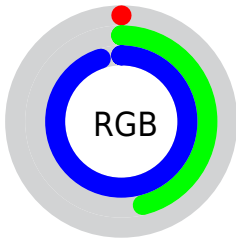
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 79, 241
Decimal	30193
CIELab	50.77, 20.29, -69.55
CIELCh	51, 72.451, 286.260
Yxy	19.0735, 0.1751, 0.1501
Android (android.graphics.Color)	4278220273 (0xFF0075F1)
YUV	96.1530, 71.4096, -84.3262
Hunter-Lab	43.6732, 14.4646, -85.8125

# Details

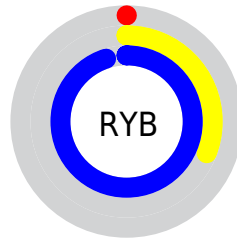
The Decimal color **30193** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark saturated azure. A complement of this color would be **15825920**, and the grayscale version is **6316128**.

A 20% lighter version of the original color is **7186687**, and **18104** is the 20% darker color. If you saturate the color by 10%, you get **30193**, and if you desaturate by 10%, it is **1606129**.

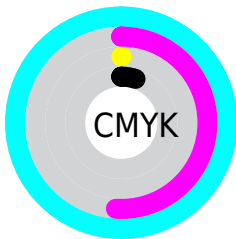
# Distribution



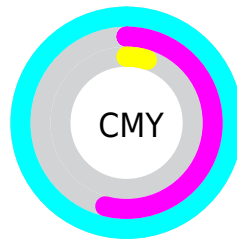
- Red (0%)
- Green (46%)
- Blue (95%)



- Red (0%)
- Yellow (31%)
- Blue (95%)



- Cyan (100%)
- Magenta (51%)
- Yellow (0%)
- Black (5%)




















- Cyan (100%)
- Magenta (54%)
- Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 30193 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 30193 by changing the saturation by 10% instead.



 30193	 30193
 16777215	 24020
 7186687	 18104
 9421823	 12700
 11526143	 8066
 13564927	 1384
 15663103	 2638
	 1335
	 544
	 5

■ 30193

■ 1606129

■ 3182321

■ 4758257

■ 6334449

■ 7910385

■ 9551857

■ 11128049

■ 12703985

■ 14280177

# Harmonies

## Analogous

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



35058



30193



10770127

# Triad

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



30193



13716766



37465

# Complementary

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



30193



15825920

# 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.



1674258



30193



11168768

# Square

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



30193



14953818



7569408



38042

# Rectangle

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



30193



13319852



7569408



37188

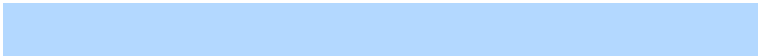


# Sweetspot

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



30193



11786495



61816



5400704



0



8421504



# Same Dimension

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



30193



31999



241



7107192



22968



6968



# Inverse Universe

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



15794293



16711804



15855872



7892082



12058713



3670043



# Previews

## White Background



This preview shows how the Decimal color 30193 looks on a white background.

## Color Contrast Check

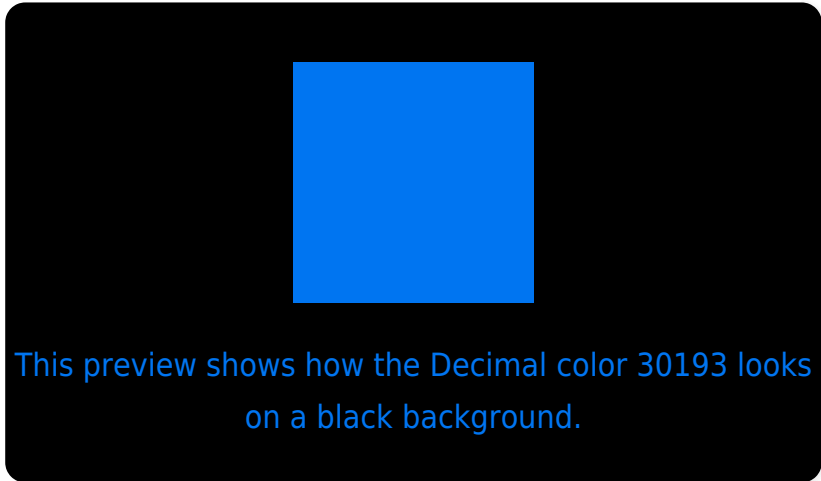
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

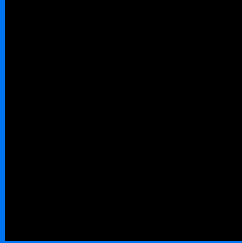
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

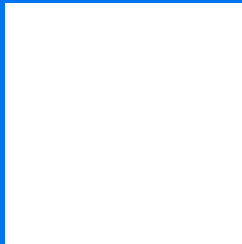
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 30193 Background



This preview shows how black text looks on a background with the Decimal color 30193.



This preview shows how white text looks on a background with the Decimal color 30193.

# 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](#).

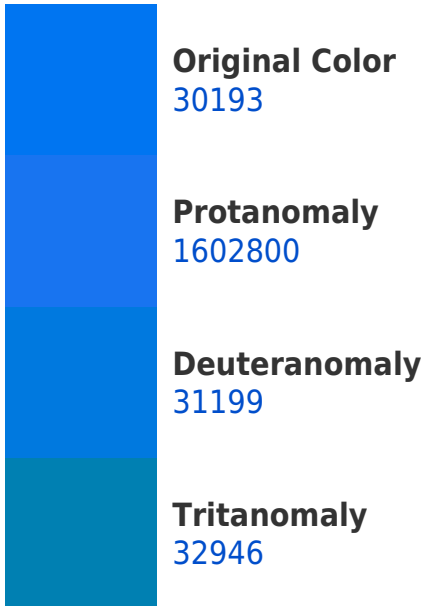
## Dichromacy



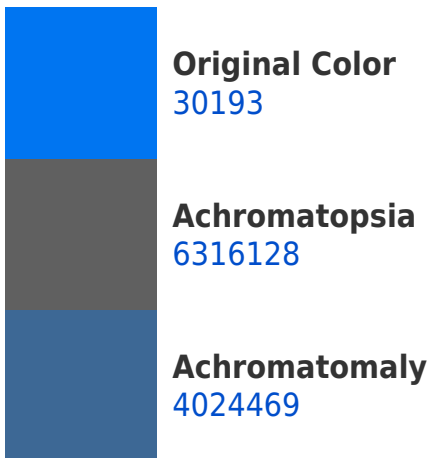


**Tritanopia**  
34446

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 30193 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 #0075F1 looks like.

```
.text, #text, p{  
    color:#0075F1  
}
```

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 #0075F1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0075F1
}
```

## Border

The CSS property to change the border of an element to Decimal 30193 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
#0075F1 }
```

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

```
.border{ border-color:#0075F1 }
```

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

Here you see how a box with a 4 pixel #0075F1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0075F1; -webkit-box-shadow:4px 4px  
4px 4px #0075F1; box-shadow:4px 4px 4px  
4px #0075F1 }
```

# Background

The CSS property to change the background color of an element to Decimal 30193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0075F1 }
```

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

```
.background{ background-color:#0075F1 }
```

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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