

# Converting Colors

Decimal(29437)

Have a look what the booklet for  
Decimal(29437) contains.

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**Color**

**Decimal(29437)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0072FD
RGB	0, 114, 253
RGB Percent	0%, 45%, 99%
CMY	1.0000, 0.5529, 0.0078
CMYK	1.00, 0.55, 0.00, 0.01
HSL	213°, 100%, 50%
HSV	213°, 100%, 99%
XYZ	23.7469, 19.1265, 95.3687
YIQ	95.7600, -112.5630, 19.0610

# Conversions

## Conversions Part 2

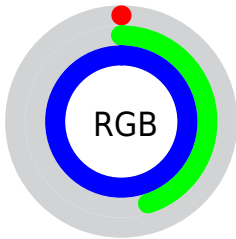
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 79, 253
Decimal	29437
CIELab	50.83, 26.83, -76.12
CIELCh	51, 80.716, 289.417
Yxy	19.1265, 0.1718, 0.1384
Android (android.graphics.Color)	4278219517 (0xFF0072FD)
YUV	95.7600, 77.5193, -83.9815
Hunter-Lab	43.7338, 20.3891, -98.6778

# Details

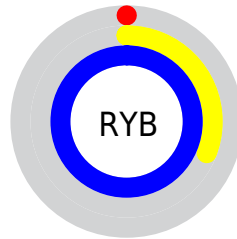
The Decimal color **29437** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark saturated azure. A complement of this color would be **16616192**, and the grayscale version is **6250335**.

A 20% lighter version of the original color is **7448063**, and **17603** is the 20% darker color. If you saturate the color by 10%, you get **29437**, and if you desaturate by 10%, it is **1671421**.

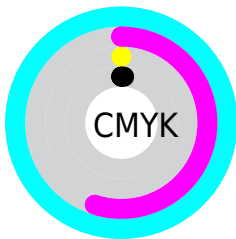
# Distribution



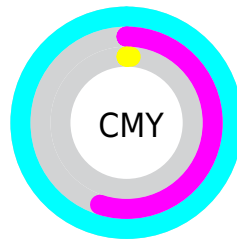
- Red (0%)
- Green (45%)
- Blue (99%)



- Red (0%)
- Yellow (31%)
- Blue (99%)



- Cyan (100%)
- Magenta (55%)
- Yellow (0%)
- Black (1%)




















- Cyan (100%)
- Magenta (55%)
- Yellow (1%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 29437 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 29437 by changing the saturation by 10% instead.



 29437	 29437
 16777215	 23264
 7448063	 17603
 9683199	 12199
 11853055	 7564
 13957375	 1138
 16056319	 3160
	 1856
	 809
	 275

■ 29437

■ 1671421

■ 3378941

■ 5020925

■ 6662909

■ 8370429

■ 10012157

■ 11654141

■ 13296125

■ 15003645

# Harmonies

## Analogous

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



35327



29437



11553748

# Triad

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



29437



13978113



37981

# Complementary

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



29437



16616192

# 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.



36613



29437



10972416

# Square

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



29437



15537232



6914816



38565

# Rectangle

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



29437



14166187



6914816



37701



# Sweetspot

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



29437



11785727



64903



5400192



0



8421504



# Same Dimension

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



29437



29695



524541



7567488



22207



7488



# Inverse Universe

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



16580722



16711795



16121088



8418168



12517462



4194333



# Previews

## White Background



This preview shows how the Decimal color 29437 looks on a white background.

## Color Contrast Check

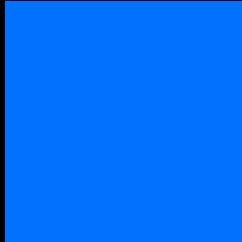
Large Text (above 18pt) WCAG AA ✓ Pass

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 29437 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

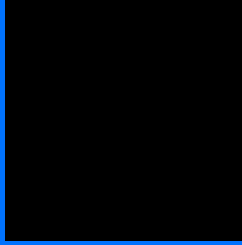
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

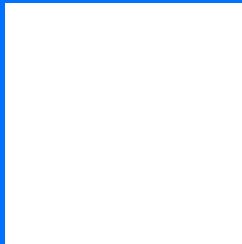
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 29437 Background



This preview shows how black text looks on a background with the Decimal color 29437.



This preview shows how white text looks on a background with the Decimal color 29437.

# 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](#).

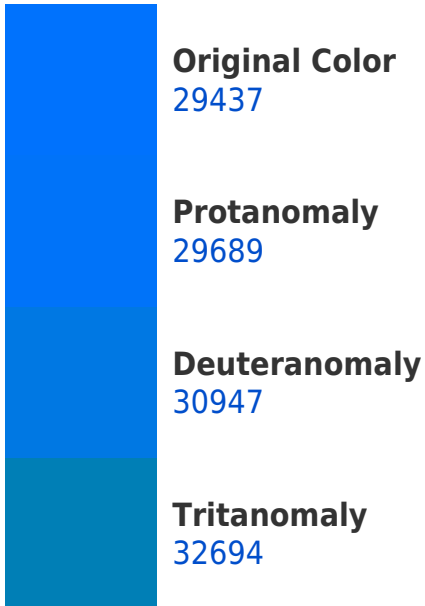
## Dichromacy



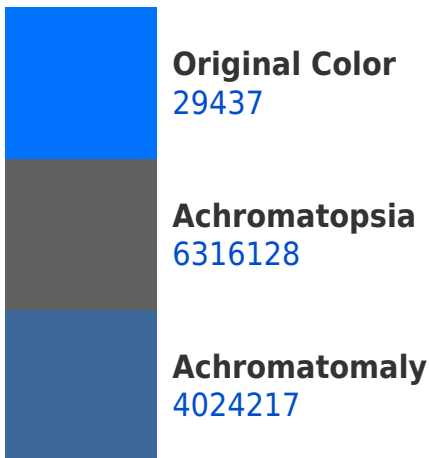


**Tritanopia**  
34446

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 29437 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 #0072FD looks like.

```
.text, #text, p{  
  color:#0072FD  
}
```

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 #0072FD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0072FD
}
```

## Border

The CSS property to change the border of an element to Decimal 29437 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
#0072FD }
```

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

```
.border{ border-color:#0072FD }
```

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

Here you see how a box with a 4 pixel #0072FD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0072FD; -webkit-box-shadow:4px 4px  
4px 4px #0072FD; box-shadow:4px 4px 4px  
4px #0072FD }
```

# Background

The CSS property to change the background color of an element to Decimal 29437 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0072FD }
```

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

```
.background{ background-color:#0072FD }
```

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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