

# Converting Colors

Hex(3074D3)

Have a look what the booklet for  
Hex(3074D3) contains.

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# Color

**Hex(3074D3)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3074D3
RGB	48, 116, 211
RGB Percent	19%, 45%, 83%
CMY	0.8118, 0.5451, 0.1725
CMYK	0.77, 0.45, 0.00, 0.17
HSL	215°, 65%, 51%
HSV	215°, 77%, 83%
XYZ	19.2222, 17.8223, 64.0549
YIQ	106.4980, -71.0230, 15.1290

# Conversions

## Conversions Part 2

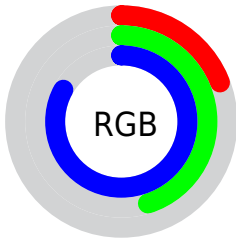
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	48, 96, 211
Decimal	3175635
CIE <sub>Lab</sub>	49.28, 12.11, -55.03
CIE <sub>LCh</sub>	49, 56.347, 282.411
Yxy	17.8223, 0.1901, 0.1763
Android (android.graphics.Color)	4281365715 (0xFF3074D3)
YUV	106.4980, 51.5195, -51.3027
Hunter-Lab	42.2165, 7.3965, -60.4090

# Details

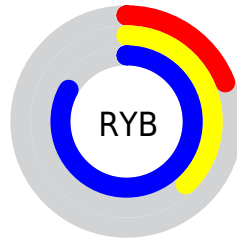
The Hex color **3074D3** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark muted azure. A complement of this color would be **D38F30**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **75A7FF**, and **00459C** is the 20% darker color. If you saturate the color by 10%, you get **1B68D3**, and if you desaturate by 10%, it is **4580D3**.

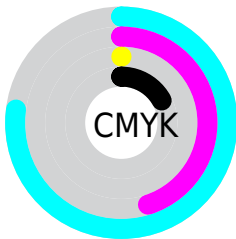
# Distribution



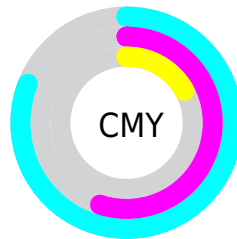
- Red (19%)
- Green (45%)
- Blue (83%)



- Red (19%)
- Yellow (38%)
- Blue (83%)



- Cyan (77%)
- Magenta (45%)
- Yellow (0%)
- Black (17%)



- Cyan (81%)
- Magenta (55%)
- Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3074D3 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 Hex color 3074D3 by changing the saturation by 10% instead.



 3074D3

 3074D3

FFFFFF

 005CB7

 75A7FF

 00459C

 94C2FF

 002F81

 B2DEFF

 001C67

 D0FBFF

 00034F

 EFFFFFF

 000537

 000221

 000005

 000000

■ 3074D3

■ 3074D3

■ 1B68D3

■ 4580D3

■ 065BD3

■ 5A8DD3

■ 0058D3

■ 6F99D3

■ 84A5D3

■ 9AB1D3

■ AFBED3

■ C4CAD3

■ D9D6D3

■ EEE3D3

# Harmonies

## Analogous

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



0082D0



3074D3



905FBC

# Triad

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



3074D3



C05436



008A56

# Complementary

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



3074D3



D38F30

# 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.



448428



3074D3



A3680D

# Square

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



3074D3



CB4563



7A7900



008B88

# Rectangle

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



3074D3



B151A2



7A7900



008846



# Sweetspot

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



3074D3



C4DDFF



30D38C



5C6B80



000000



808080



# Same Dimension

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



3074D3



1275FF



3B30D3



5E6269



0046A8



001129



# Inverse Universe

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



D33074



FF1275



C8D330



695E62



A80046

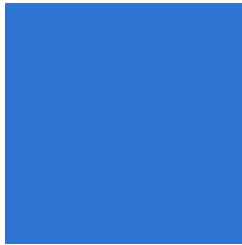


290011



# Previews

## White Background



This preview shows how the Hex color 3074D3 looks on a white background.

## Color Contrast Check

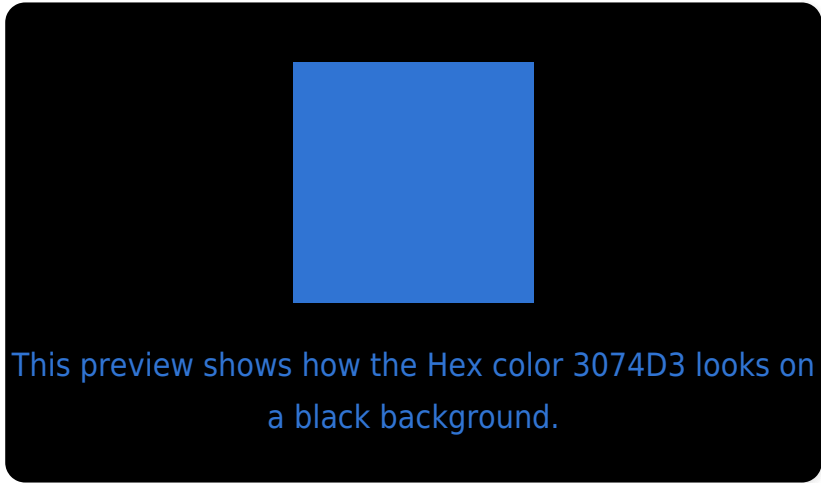
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

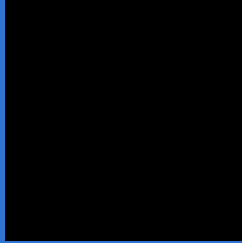
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

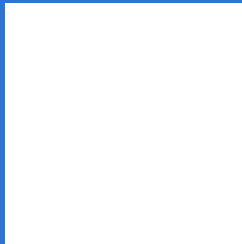
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 3074D3 Background



This preview shows how black text looks on a background with the Hex color 3074D3.



This preview shows how white text looks on a background with the Hex color 3074D3.

# 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](#).

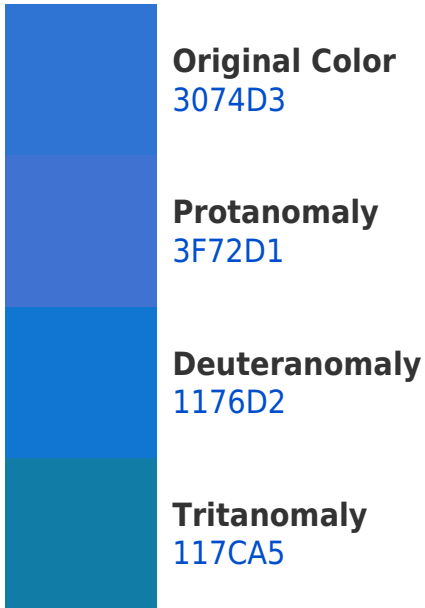
## Dichromacy



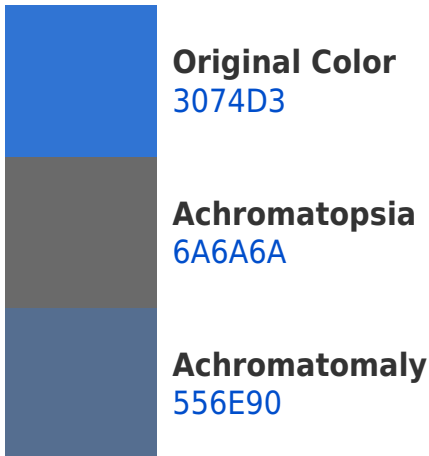


**Tritanopia**  
00818B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3074D3 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 #3074D3 looks like.

```
.text, #text, p{  
    color:#3074D3  
}
```

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 #3074D3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3074D3
}
```

## Border

The CSS property to change the border of an element to Hex 3074D3 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
#3074D3 }
```

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

```
.border{ border-color:#3074D3 }
```

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

Here you see how a box with a 4 pixel #3074D3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3074D3; -webkit-box-shadow:4px 4px  
4px 4px #3074D3; box-shadow:4px 4px 4px  
4px #3074D3 }
```

# Background

The CSS property to change the background color of an element to Hex 3074D3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3074D3 }
```

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

```
.background{ background-color:#3074D3 }
```

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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