

# Converting Colors

Hex(3052CC)

Have a look what the booklet for  
Hex(3052CC) contains.

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# Color

Hex(3052CC)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3052CC
RGB	48, 82, 204
RGB Percent	19%, 32%, 80%
CMY	0.8118, 0.6784, 0.2000
CMYK	0.76, 0.60, 0.00, 0.20
HSL	227°, 62%, 49%
HSV	227°, 76%, 80%
XYZ	15.1353, 11.0226, 58.4566
YIQ	85.7420, -59.4260, 30.7340

# Conversions

## Conversions Part 2

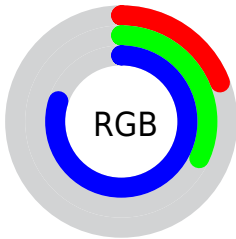
<b>Format</b>	<b>Color</b>
<b>RYB</b>	48, 76, 204
Decimal	3166924
CIELab	39.62, 31.28, -66.66
CIELCh	40, 73.629, 295.137
Yxy	11.0226, 0.1789, 0.1303
Android (android.graphics.Color)	4281357004 (0xFF3052CC)
YUV	85.7420, 58.3012, -33.0997
Hunter-Lab	33.2003, 23.2738, -81.1532

# Details

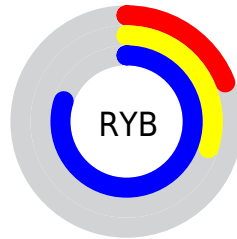
The Hex color **3052CC** is a dark color, and the websafe version is hex **003399**. The color can be described as dark muted blue. A complement of this color would be **CCAA30**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **7583FF**, and **002695** is the 20% darker color. If you saturate the color by 10%, you get **1C42CC**, and if you desaturate by 10%, it is **4462CC**.

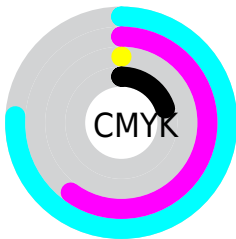
# Distribution



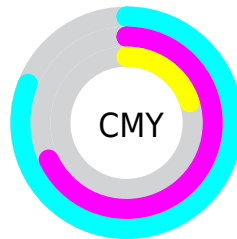
- Red (19%)
- Green (32%)
- Blue (80%)



- Red (19%)
- Yellow (30%)
- Blue (80%)



- Cyan (76%)
- Magenta (60%)
- Yellow (0%)
- Black (20%)



- Cyan (81%)
- Magenta (68%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3052CC 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 3052CC by changing the saturation by 10% instead.



 3052CC

 3052CC

FFFFFF

 003BB0

 7583FF

 002695

 949DFF

 00147A

 B2B8FF

 000061

 D0D3FF

 000848

 EFFF0F

 000430

 00011A

 000000

 3052CC

 3052CC

■ 1C42CC

■ 4462CC

■ 0732CC

■ 5972CC

■ 002CCC

■ 6D82CC

■ 8292CC

■ 96A2CC

■ AAB2CC

■ BFC2CC

■ D3D2CC

■ E8E2CC

# Harmonies

## Analogous

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



0069D7



3052CC



9929A3

# Triad

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



3052CC



A63A00



007551

# Complementary

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



3052CC



CCAA30

# 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.



007108



3052CC



7B5800

# Square

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



3052CC



BF002F



416900



00768F

# Rectangle

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



3052CC



B6007E



416900



00743C



# Sweetspot

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



3052CC



C4D1FF



30CCA8



5C6480



000000



808080



# Same Dimension

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



3052CC



1448FF



5A30CC



5C5E66



0024A6



000826



# Inverse Universe

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



CC3052



FF1448



A2CC30



665C5E



A60024



260008



# Previews

## White Background



This preview shows how the Hex color 3052CC looks on a white background.

## Color Contrast Check

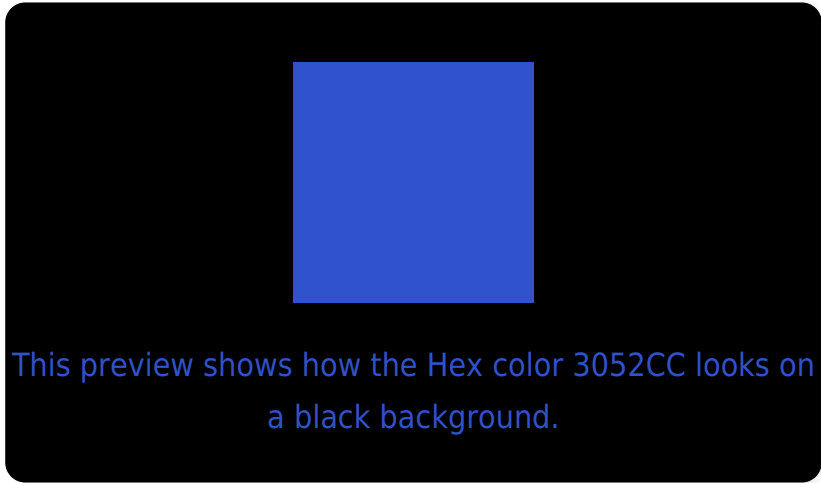
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

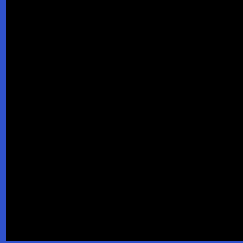
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3052CC Background



This preview shows how black text looks on a background with the Hex color 3052CC.

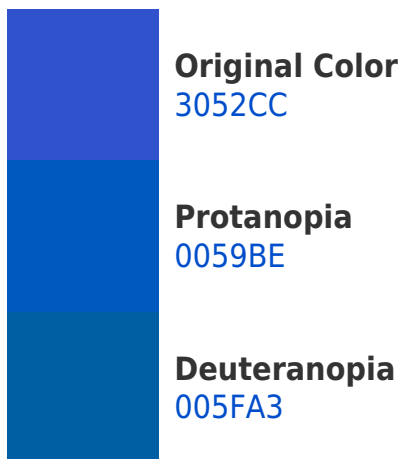


This preview shows how white text looks on a background with the Hex color 3052CC.

# 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](#).

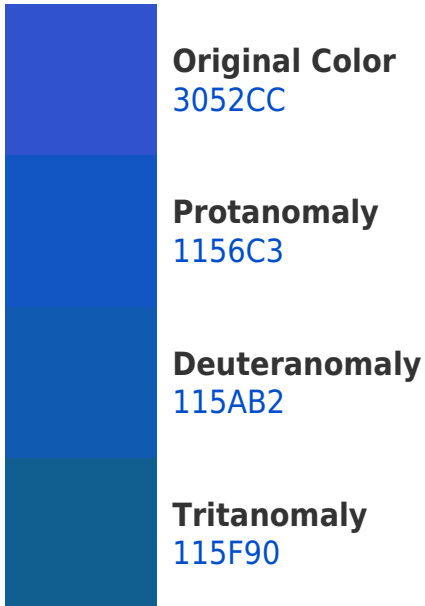
## Dichromacy





**Tritanopia**  
00676E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3052CC 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 #3052CC looks like.

```
.text, #text, p{  
    color:#3052CC  
}
```

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 #3052CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3052CC
}
```

## Border

The CSS property to change the border of an element to Hex 3052CC is called "border". The border property can be set on classes, ids or directly on the HTML element.

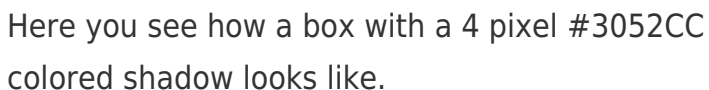
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3052CC }
```

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

```
.border{ border-color:#3052CC }
```

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



Here you see how a box with a 4 pixel #3052CC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3052CC; -webkit-box-shadow:4px 4px  
4px 4px #3052CC; box-shadow:4px 4px 4px  
4px #3052CC }
```

# Background

The CSS property to change the background color of an element to Hex 3052CC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3052CC }
```

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

```
.background{ background-color:#3052CC }
```

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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