

# Converting Colors

Hex(3460D9)

Have a look what the booklet for  
Hex(3460D9) contains.

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# Color

Hex(3460D9)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3460D9
RGB	52, 96, 217
RGB Percent	20%, 38%, 85%
CMY	0.7961, 0.6235, 0.1490
CMYK	0.76, 0.56, 0.00, 0.15
HSL	224°, 68%, 53%
HSV	224°, 76%, 85%
XYZ	18.1234, 14.1056, 67.4131
YIQ	96.6380, -65.0650, 28.3030

# Conversions

## Conversions Part 2

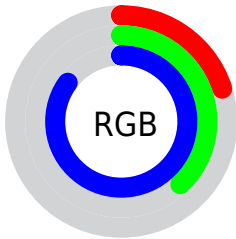
<b>Format</b>	<b>Color</b>
<b>RYB</b>	52, 87, 217
Decimal	3432665
CIELab	44.38, 27.51, -66.35
CIELCh	44, 71.828, 292.520
Yxy	14.1056, 0.1819, 0.1416
Android (android.graphics.Color)	4281622745 (0xFF3460D9)
YUV	96.6380, 59.3385, -39.1475
Hunter-Lab	37.5574, 20.4104, -80.1316

# Details

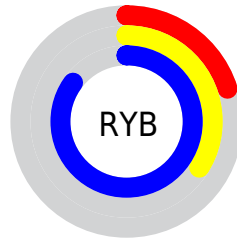
The Hex color **3460D9** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted azure. A complement of this color would be **D9AD34**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **7A92FF**, and **0033A1** is the 20% darker color. If you saturate the color by 10%, you get **1E50D9**, and if you desaturate by 10%, it is **4A70D9**.

# Distribution



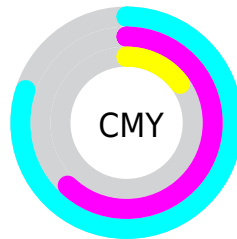
- Red (20%)
- Green (38%)
- Blue (85%)



- Red (20%)
- Yellow (34%)
- Blue (85%)



- Cyan (76%)
- Magenta (56%)
- Yellow (0%)
- Black (15%)



- Cyan (80%)
- Magenta (62%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3460D9 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 3460D9 by changing the saturation by 10% instead.



 3460D9

 3460D9

FFFFFF

 0049BD

 7A92FF

 0033A1

 99ACFF

 001F86

 B7C8FF

 000C6C

 D6E4FF

 000953

 F4FFFF

 00063B

 000224

 00000C

 000000

■ 3460D9

■ 3460D9

■ 1E50D9

■ 4A70D9

■ 0940D9

■ 5F80D9

■ 003AD9

■ 7590D9

■ 8BA0D9

■ A1B0D9

■ B6BFD9

■ CCCFD9

■ E2DFD9

■ F7EFD9

# Harmonies

## Analogous

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



0075E1



3460D9



A03EB3

# Triad

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



3460D9



B64400



008158

# Complementary

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



3460D9



D9AD34

# 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.



007D13



3460D9



8D6100

# Square

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



3460D9



CD1A40



557300



008295

# Rectangle

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



3460D9



C01F8E



557300



008042



# Sweetspot

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



3460D9



C4D4FF



34D9AD



5C6580



000000



808080



# Same Dimension

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



3460D9



1755FF



5B34D9



63666E



002EAD



000C2E



# Inverse Universe

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



D93460



FF1755



B3D934



6E6366



AD002E



2E000C



# Previews

## White Background



This preview shows how the Hex color 3460D9 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



This preview shows how the Hex color 3460D9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

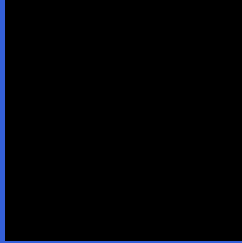
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3460D9 Background



This preview shows how black text looks on a background with the Hex color 3460D9.

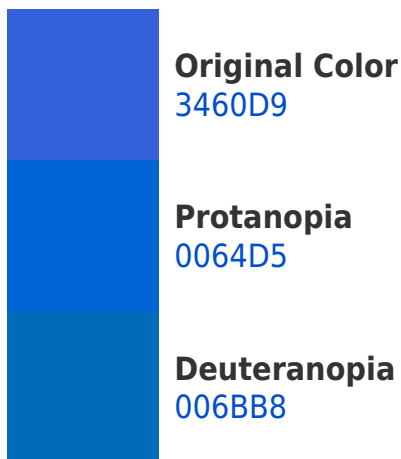


This preview shows how white text looks on a background with the Hex color 3460D9.

# 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](#).

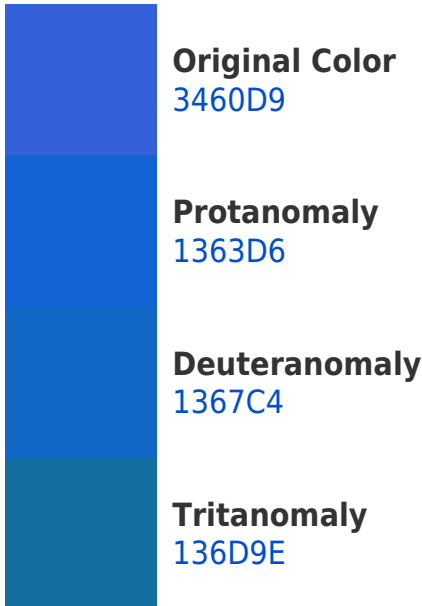
## Dichromacy



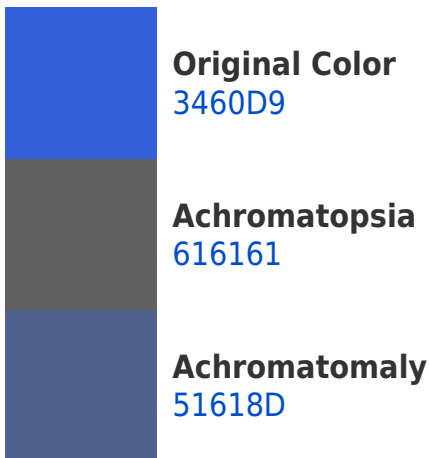


**Tritanopia**  
00747C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3460D9 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 #3460D9 looks like.

```
.text, #text, p{  
    color:#3460D9  
}
```

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 #3460D9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3460D9
}
```

## Border

The CSS property to change the border of an element to Hex 3460D9 is called "border". The border property can be set on classes, ids or directly on the HTML element.

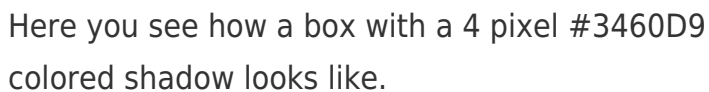
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3460D9 }
```

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

```
.border{ border-color:#3460D9 }
```

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



Here you see how a box with a 4 pixel #3460D9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3460D9; -webkit-box-shadow:4px 4px  
4px 4px #3460D9; box-shadow:4px 4px 4px  
4px #3460D9 }
```

# Background

The CSS property to change the background color of an element to Hex 3460D9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3460D9 }
```

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

```
.background{ background-color:#3460D9 }
```

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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