

# Converting Colors

Hex(3D75CE)

Have a look what the booklet for  
Hex(3D75CE) contains.

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# Color

Hex(3D75CE)

# Conversions

## Conversions Part 1

Format	Color
Hex	3D75CE
RGB	61, 117, 206
RGB Percent	24%, 46%, 81%
CMY	0.7608, 0.5412, 0.1922
CMYK	0.70, 0.43, 0.00, 0.19
HSL	217°, 60%, 52%
HSV	217°, 70%, 81%
XYZ	19.4263, 18.1709, 60.8760
YIQ	110.4020, -61.9450, 15.8070

# Conversions

## Conversions Part 2

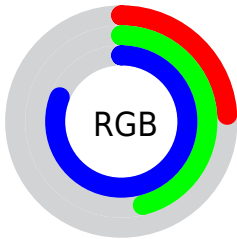
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	61, 101, 206
Decimal	4027854
CIE <sub>Lab</sub>	49.70, 11.32, -51.48
CIE <sub>LCh</sub>	50, 52.712, 282.404
Yxy	18.1709, 0.1973, 0.1845
Android (android.graphics.Color)	4282217934 (0xFF3D75CE)
YUV	110.4020, 47.1298, -43.3256
Hunter-Lab	42.6274, 6.7490, -54.8327

# Details

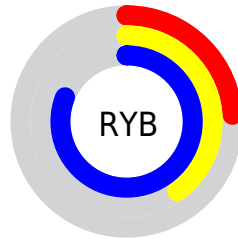
The Hex color **3D75CE** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark muted azure. A complement of this color would be **CE963D**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **7CA9FF**, and **004697** is the 20% darker color. If you saturate the color by 10%, you get **2868CE**, and if you desaturate by 10%, it is **5282CE**.

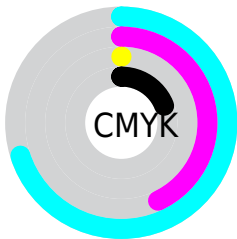
# Distribution



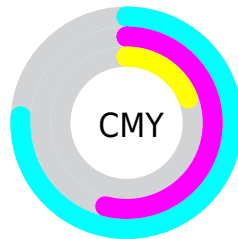
- Red (24%)
- Green (46%)
- Blue (81%)



- Red (24%)
- Yellow (40%)
- Blue (81%)



- Cyan (70%)
- Magenta (43%)
- Yellow (0%)
- Black (19%)



- Cyan (76%)
- Magenta (54%)
- Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3D75CE 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 3D75CE by changing the saturation by 10% instead.



■ 3D75CE

■ 3D75CE

FFFFFF

■ 0C5DB2

■ 7CA9FF

■ 004697

■ 9AC4FF

■ 00307D

■ B8DFFF

■ 001D63

■ D6FCFF

■ 00014B

■ F4FFFF

■ 000433

■ 00021D

■ 000000

■ 3D75CE

■ 3D75CE

■ 2868CE

■ 5282CE

■ 145CCE

■ 668ECE

■ 0050CE

■ 7B9BCE

■ 8FA8CE

■ A4B4CE

■ B9C1CE

■ CDCECE

■ E2DACE

■ F6E7CE

# Harmonies

## Analogous

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



0082CB



3D75CE



9062B9

# Triad

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



3D75CE



BE583C



008A59

# Complementary

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



3D75CE



CE963D

# 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.



49842F



3D75CE



A26A1A

# Square

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



3D75CE



C74B65



7C7A11



008B88

# Rectangle

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



3D75CE



AF55A0



7C7A11



00884B



# Sweetspot

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



3D75CE



C9DEFF



3DCE94



606C80



000000



808080



# Same Dimension

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



3D75CE



297CFF



4B3DCE



5C6066



0040A6



000F26



# Inverse Universe

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



CE3D75



FF297C



C0CE3D



665C60



A60040

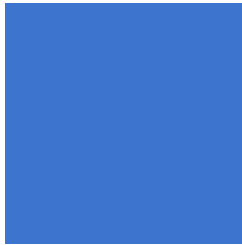


26000F



# Previews

## White Background



This preview shows how the Hex color 3D75CE looks on a white background.

## Color Contrast Check

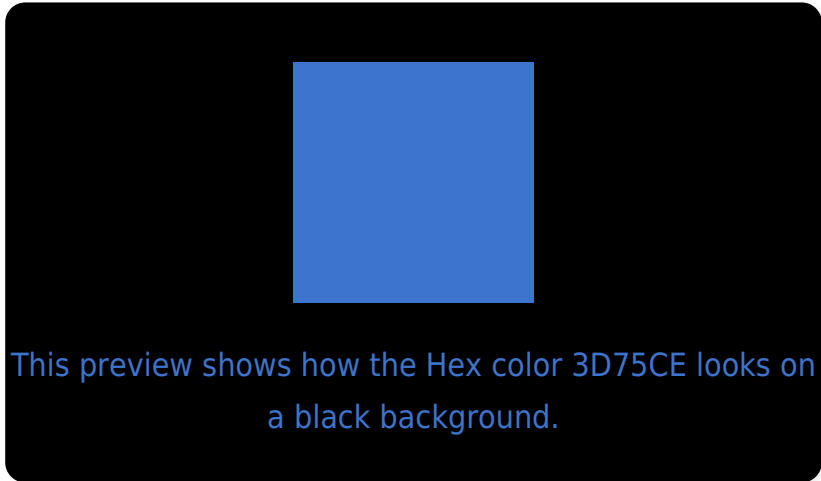
Large Text (above 18pt) WCAG AA ✓ Pass

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

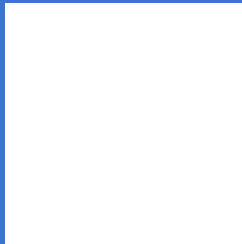
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 3D75CE Background



This preview shows how black text looks on a background with the Hex color 3D75CE.



This preview shows how white text looks on a background with the Hex color 3D75CE.

# 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](#).

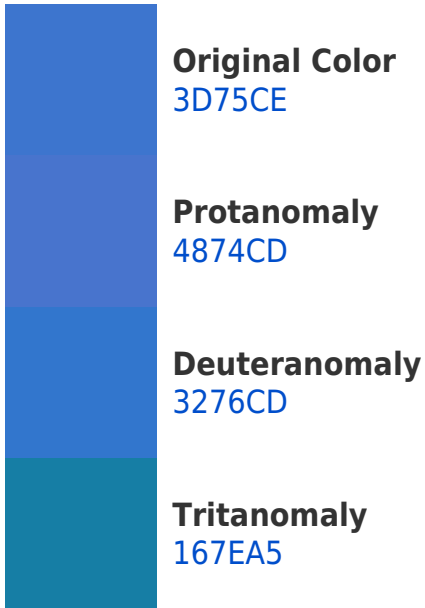
## Dichromacy



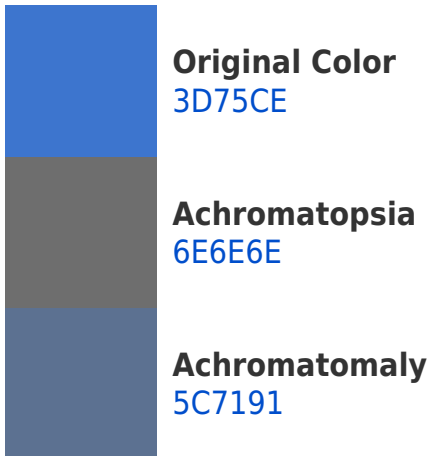


**Tritanopia**  
00838D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3D75CE 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 #3D75CE looks like.

```
.text, #text, p{  
    color:#3D75CE  
}
```

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 #3D75CE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D75CE
}
```

## Border

The CSS property to change the border of an element to Hex 3D75CE 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
#3D75CE }
```

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

```
.border{ border-color:#3D75CE }
```

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

Here you see how a box with a 4 pixel #3D75CE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D75CE; -webkit-box-shadow:4px 4px  
4px 4px #3D75CE; box-shadow:4px 4px 4px  
4px #3D75CE }
```

# Background

The CSS property to change the background color of an element to Hex 3D75CE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D75CE }
```

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

```
.background{ background-color:#3D75CE }
```

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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