

# Converting Colors

Hex(3D6CCD)

Have a look what the booklet for  
Hex(3D6CCD) contains.

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# Color

Hex(3D6CCD)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3D6CCD
RGB	61, 108, 205
RGB Percent	24%, 42%, 80%
CMY	0.7608, 0.5765, 0.1961
CMYK	0.70, 0.47, 0.00, 0.20
HSL	220°, 59%, 52%
HSV	220°, 70%, 80%
XYZ	18.3065, 16.1250, 59.9052
YIQ	105.0050, -59.1490, 20.2030

# Conversions

## Conversions Part 2

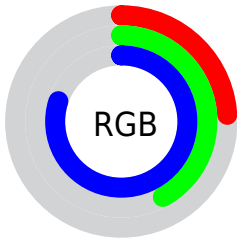
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	61, 96, 205
Decimal	4025549
CIE <sub>Lab</sub>	47.14, 16.61, -55.02
CIE <sub>LCh</sub>	47, 57.474, 286.793
Yxy	16.1250, 0.1941, 0.1709
Android (android.graphics.Color)	4282215629 (0xFF3D6CCD)
YUV	105.0050, 49.2975, -38.5924
Hunter-Lab	40.1559, 11.1025, -60.3405

# Details

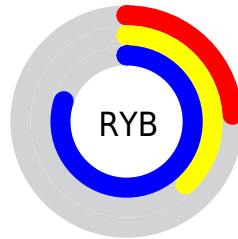
The Hex color **3D6CCD** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted azure. A complement of this color would be **CD9E3D**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **7D9FFF**, and **003E96** is the 20% darker color. If you saturate the color by 10%, you get **295ECD**, and if you desaturate by 10%, it is **527ACD**.

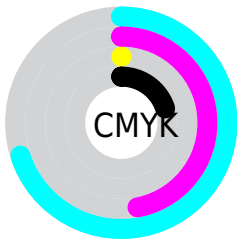
# Distribution



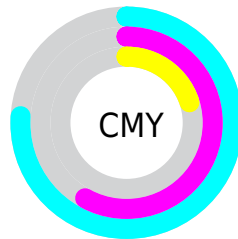
- Red (24%)
- Green (42%)
- Blue (80%)



- Red (24%)
- Yellow (38%)
- Blue (80%)



- Cyan (70%)
- Magenta (47%)
- Yellow (0%)
- Black (20%)



- Cyan (76%)
- Magenta (58%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3D6CCD 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 3D6CCD by changing the saturation by 10% instead.



■ 3D6CCD

■ 3D6CCD

FFFFFF

■ 0B54B1

■ 7D9FFF

■ 003E96

■ 9ABAFF

■ 00297C

■ B8D5FF

■ 001662

■ D6F2FF

■ 000549

■ F4FFFF

■ 000432

■ 00011C

■ 000000

■ 3D6CCD

■ 3D6CCD

■ 295ECD

■ 527ACD

■ 1450CD

■ 6688CD

■ 0043CD

■ 7B95CD

■ 8FA3CD

■ A4B1CD

■ B8BFCD

■ CDCDCD

■ E1DACD

■ F6E8CD

# Harmonies

## Analogous

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



007BCE



3D6CCD



9456B3

# Triad

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



3D6CCD



B8512A



008558

# Complementary

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



3D6CCD



CD9E3D

# 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.



318027



3D6CCD



986600

# Square

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



3D6CCD



C63E57



6D7600



00868A

# Rectangle

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



3D6CCD



B24797



6D7600



008347



# Sweetspot

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



3D6CCD



C9DBFF



3DCD9D



606A80



000000



808080



# Same Dimension

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



3D6CCD



296FFF



553DCD



5C5F66



0036A6



000C26



# Inverse Universe

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



CD3D6C



FF296F



B5CD3D



665C5F



A60036



26000C



# Previews

## White Background



This preview shows how the Hex color 3D6CCD looks on a white background.

## Color Contrast Check

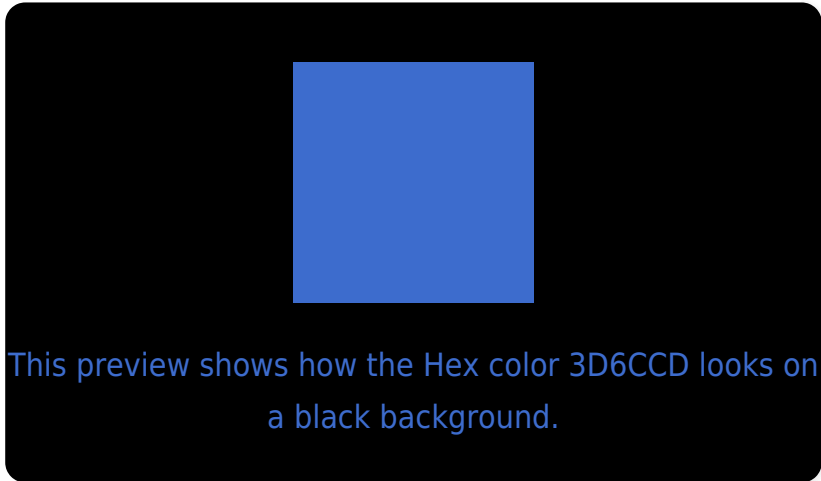
Large Text (above 18pt) WCAG AA ✓ Pass

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 3D6CCD Background



This preview shows how black text looks on a background with the Hex color 3D6CCD.



This preview shows how white text looks on a background with the Hex color 3D6CCD.

# 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](#).

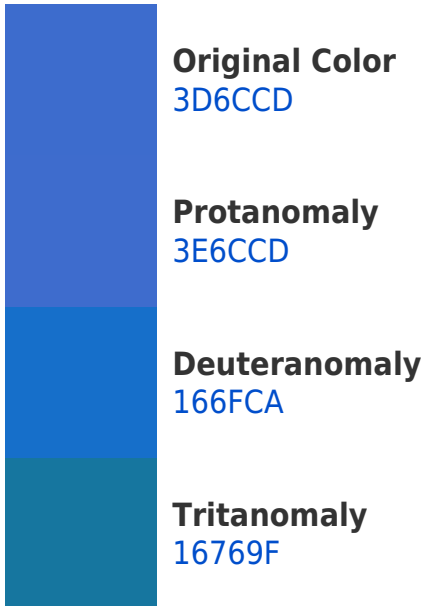
## Dichromacy





**Tritanopia**  
007B85

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3D6CCD 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 #3D6CCD looks like.

```
.text, #text, p{  
    color:#3D6CCD  
}
```

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 #3D6CCD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D6CCD
}
```

## Border

The CSS property to change the border of an element to Hex 3D6CCD 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".

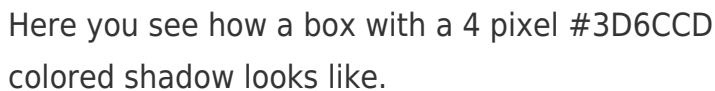
```
.border, #border, table{ border:4px solid
#3D6CCD }
```

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

```
.border{ border-color:#3D6CCD }
```

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

Here you see how a box with a 4 pixel #3D6CCD colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D6CCD; -webkit-box-shadow:4px 4px  
4px 4px #3D6CCD; box-shadow:4px 4px 4px  
4px #3D6CCD }
```

# Background

The CSS property to change the background color of an element to Hex 3D6CCD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D6CCD }
```

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

```
.background{ background-color:#3D6CCD }
```

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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