

# Converting Colors

Hex(3D3DCC)

Have a look what the booklet for  
Hex(3D3DCC) contains.

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# Color

Hex(3D3DCC)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3D3DCC
RGB	61, 61, 204
RGB Percent	24%, 24%, 80%
CMY	0.7608, 0.7608, 0.2000
CMYK	0.70, 0.70, 0.00, 0.20
HSL	240°, 58%, 52%
HSV	240°, 70%, 80%
XYZ	14.4923, 8.6892, 58.0401
YIQ	77.3020, -45.9030, 44.4730

# Conversions

## Conversions Part 2

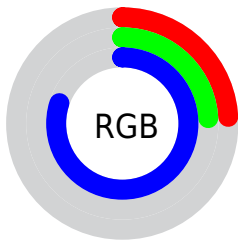
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	61, 61, 204
Decimal	4013516
CIE <sub>Lab</sub>	35.38, 45.66, -73.58
CIE <sub>LCh</sub>	35, 86.593, 301.820
Yxy	8.6892, 0.1784, 0.1070
Android (android.graphics.Color)	4282203596 (0xFF3D3DCC)
YUV	77.3020, 62.4621, -14.2969
Hunter-Lab	29.4775, 36.1721, -96.1056

# Details

The Hex color **3D3DCC** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark muted blue. A complement of this color would be **CCCC3D**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **7F6EFF**, and **001094** is the 20% darker color. If you saturate the color by 10%, you get **2929CC**, and if you desaturate by 10%, it is **5151CC**.

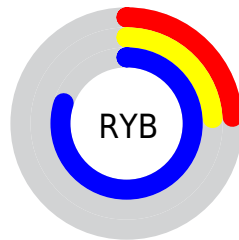
# Distribution



Red (24%)

Green (24%)

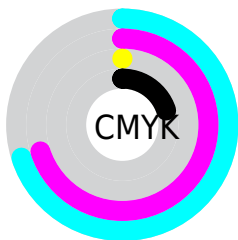
Blue (80%)



Red (24%)

Yellow (24%)

Blue (80%)

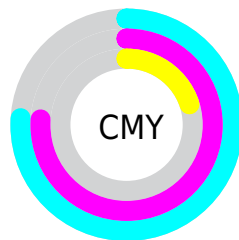


Cyan (70%)

Magenta (70%)

Yellow (0%)

Black (20%)



Cyan (76%)

Magenta (76%)

Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3D3DCC 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 3D3DCC by changing the saturation by 10% instead.



 3D3DCC

 3D3DCC

FFFFFF

 0226B0

 7F6EFF

 001094

 9E87FF

 00007A

 BCA2FF

 000060

 DABDFF

 000847

 F9D9FF

 000430

 FFF6FF

 00011A

 000000

 3D3DCC

 3D3DCC

■ 2929CC

■ 5151CC

■ 1414CC

■ 6666CC

■ 0000CC

■ 7A7ACC

■ 8F8FCC

■ A3A3CC

■ B7B7CC

■ CCCCCC

■ E0E0CC

■ F5F5CC

# Harmonies

## Analogous

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



005DE2



3D3DCC



A40096

# Triad

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



3D3DCC



973000



006C56

# Complementary

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



3D3DCC



CCCC3D

# 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.



006900



3D3DCC



635300

# Square

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



3D3DCC



BA000E



016200



006D9C

# Rectangle

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



3D3DCC



BD0069



016200



006B3D



# Sweetspot

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



3D3DCC



C9C9FF



3DCCCC



606080



000000



808080



# Same Dimension

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



3D3DCC



2929FF



853DCC



5C5C66



0000A6



000026



# Inverse Universe

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



CC3DCC



FF29FF



85CC3D



665C66



A600A6

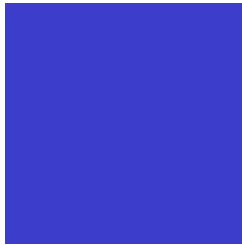


260026



# Previews

## White Background



This preview shows how the Hex color 3D3DCC looks on a white background.

## Color Contrast Check

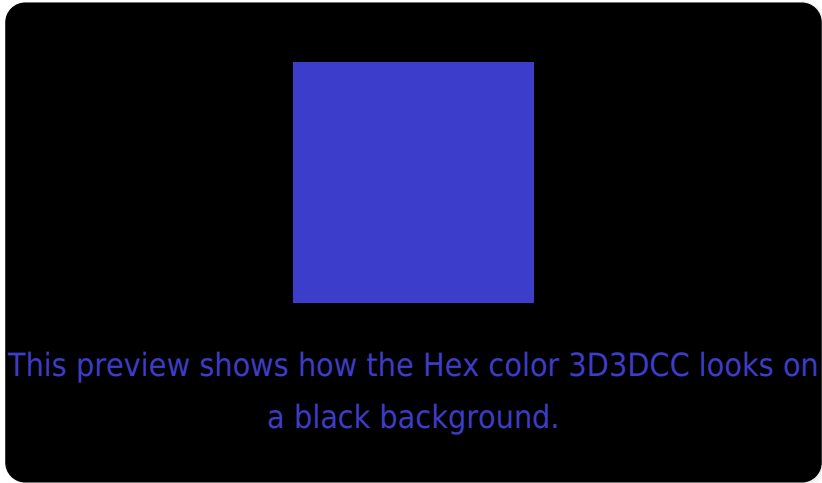
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

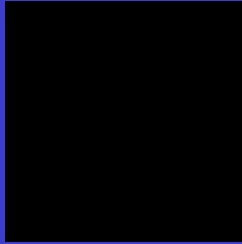
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3D3DCC Background



This preview shows how black text looks on a background with the Hex color 3D3DCC.

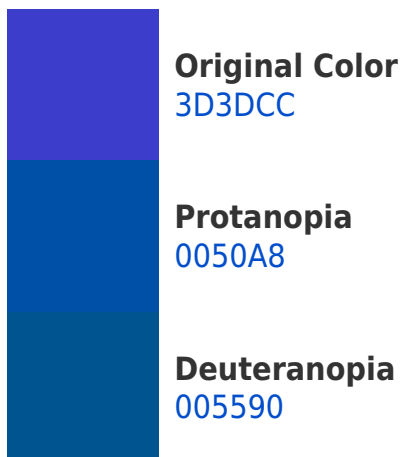


This preview shows how white text looks on a background with the Hex color 3D3DCC.

# 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](#).

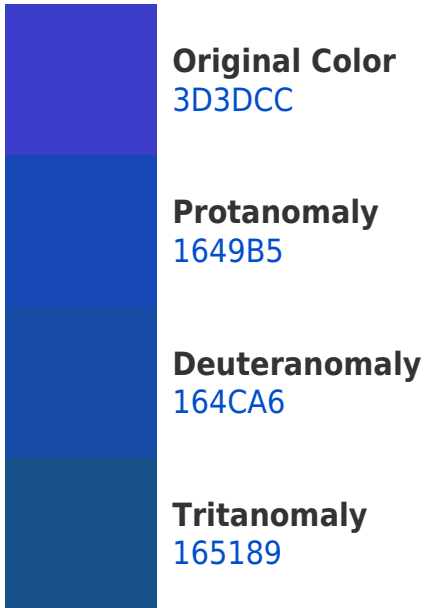
## Dichromacy





**Tritanopia**  
005C62

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3D3DCC 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 #3D3DCC looks like.

```
.text, #text, p{  
    color:#3D3DCC  
}
```

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 #3D3DCC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D3DCC
}
```

## Border

The CSS property to change the border of an element to Hex 3D3DCC 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
#3D3DCC }
```

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

```
.border{ border-color:#3D3DCC }
```

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

Here you see how a box with a 4 pixel #3D3DCC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D3DCC; -webkit-box-shadow:4px 4px  
4px 4px #3D3DCC; box-shadow:4px 4px 4px  
4px #3D3DCC }
```

# Background

The CSS property to change the background color of an element to Hex 3D3DCC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D3DCC }
```

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

```
.background{ background-color:#3D3DCC }
```

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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