

# Converting Colors

Hex(3D5CDF)

Have a look what the booklet for  
Hex(3D5CDF) contains.

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# Color

Hex(3D5CDF)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3D5CDF
RGB	61, 92, 223
RGB Percent	24%, 36%, 87%
CMY	0.7608, 0.6392, 0.1255
CMYK	0.73, 0.59, 0.00, 0.13
HSL	229°, 72%, 56%
HSV	229°, 73%, 87%
XYZ	19.0709, 13.9741, 71.5042
YIQ	97.6650, -60.5270, 34.1690

# Conversions

## Conversions Part 2

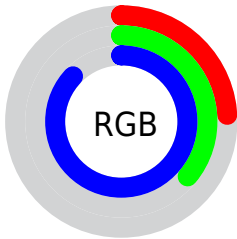
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	61, 87, 223
Decimal	4021471
CIE <sub>Lab</sub>	44.20, 33.25, -70.06
CIE <sub>LCh</sub>	44, 77.547, 295.392
Yxy	13.9741, 0.1824, 0.1337
Android (android.graphics.Color)	4282211551 (0xFF3D5CDF)
YUV	97.6650, 61.7902, -32.1552
Hunter-Lab	37.3820, 25.6457, -87.2425

# Details

The Hex color **3D5CDF** is a dark color, and the websafe version is hex **3366FF**. The color can be described as dark muted blue. A complement of this color would be **DFC03D**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **818EFF**, and **002FA7** is the 20% darker color. If you saturate the color by 10%, you get **274ADF**, and if you desaturate by 10%, it is **536EDF**.

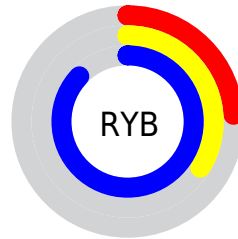
# Distribution



Red (24%)

Green (36%)

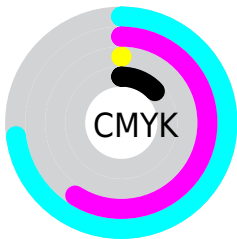
Blue (87%)



Red (24%)

Yellow (34%)

Blue (87%)

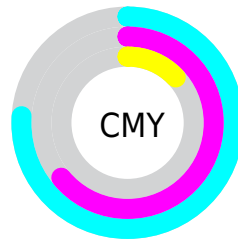


Cyan (73%)

Magenta (59%)

Yellow (0%)

Black (13%)



Cyan (76%)

Magenta (64%)

Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3D5CDF 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 3D5CDF by changing the saturation by 10% instead.



■ 3D5CDF

■ 3D5CDF

FFFFFF

■ 0045C2

■ 818EFF

■ 002FA7

■ A0A8FF

■ 001B8C

■ BEC3FF

■ 000871

■ DDDFFF

■ 000658

■ FCFCFF

■ 00063F

■ 000328

■ 000112

■ 000000

■ 3D5CDF

■ 3D5CDF

■ 274ADF

■ 536EDF

■ 1038DF

■ 6A80DF

■ 002BDF

■ 8092DF

■ 96A4DF

■ ACB6DF

■ C3C8DF

■ D9DADF

■ EFECDF

■ FFFEDF

# Harmonies

## Analogous

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



0074EB



3D5CDF



A932B3

# Triad

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



3D5CDF



B64300



00825C

# Complementary

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



3D5CDF



DFC03D

# 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.



007E10



3D5CDF



886300

# Square

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



3D5CDF



D20236



4A7500



00839F

# Rectangle

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



3D5CDF



C8008B



4A7500



008145



# Sweetspot

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



3D5CDF



C7D2FF



3DDFBF



5E6580



000000



808080



# Same Dimension

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



3D5CDF



214CFF



6E3DDF



656770



0022B0



000930



# Inverse Universe

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



DF3D5C



FF214C



AEDF3D



706567



B00022

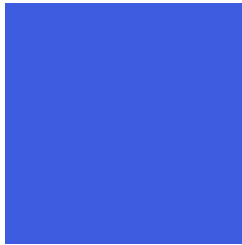


300009



# Previews

## White Background



This preview shows how the Hex color 3D5CDF looks on a white background.

## Color Contrast Check

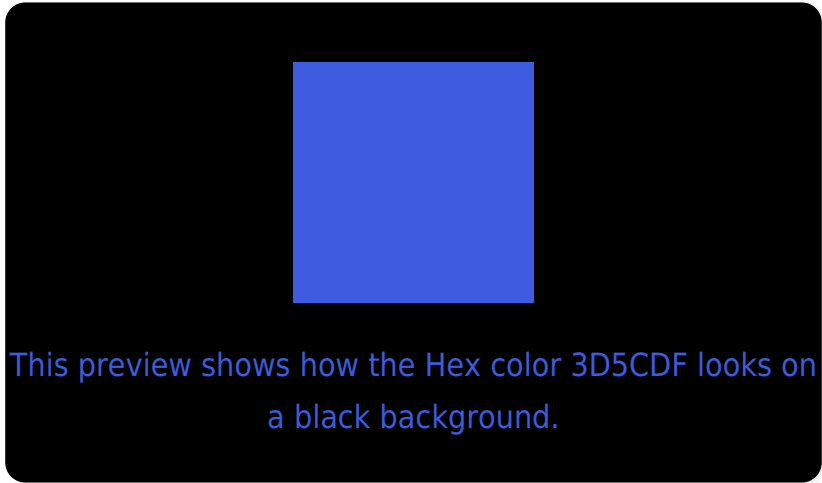
Large Text (above 18pt) WCAG AA ✓ Pass

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

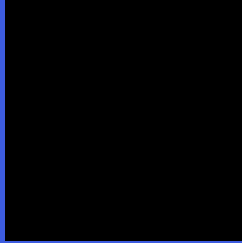
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3D5CDF Background



This preview shows how black text looks on a background with the Hex color 3D5CDF.



This preview shows how white text looks on a background with the Hex color 3D5CDF.

# 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](#).

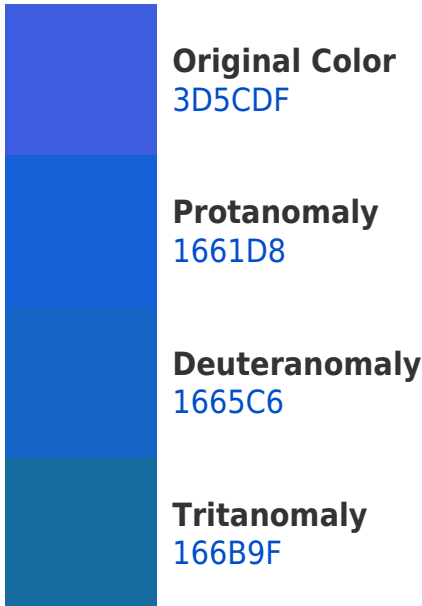
## Dichromacy





**Tritanopia**  
00737B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3D5CDF 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 #3D5CDF looks like.

```
.text, #text, p{  
    color:#3D5CDF  
}
```

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 #3D5CDF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D5CDF
}
```

## Border

The CSS property to change the border of an element to Hex 3D5CDF 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
#3D5CDF }
```

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

```
.border{ border-color:#3D5CDF }
```

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

Here you see how a box with a 4 pixel #3D5CDF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D5CDF; -webkit-box-shadow:4px 4px  
4px 4px #3D5CDF; box-shadow:4px 4px 4px  
4px #3D5CDF }
```

# Background

The CSS property to change the background color of an element to Hex 3D5CDF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D5CDF }
```

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

```
.background{ background-color:#3D5CDF }
```

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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