

# Converting Colors

Hex(3D60DE)

Have a look what the booklet for  
Hex(3D60DE) contains.

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# Color

**Hex(3D60DE)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3D60DE
RGB	61, 96, 222
RGB Percent	24%, 38%, 87%
CMY	0.7608, 0.6235, 0.1294
CMYK	0.73, 0.57, 0.00, 0.13
HSL	227°, 71%, 55%
HSV	227°, 73%, 87%
XYZ	19.2922, 14.6318, 70.9146
YIQ	99.8990, -61.3060, 31.7660

# Conversions

## Conversions Part 2

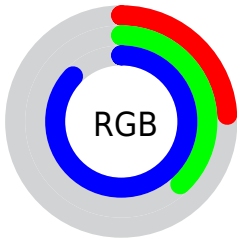
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	61, 90, 222
Decimal	4022494
CIE Lab	45.13, 30.37, -67.97
CIE LCh	45, 74.450, 294.076
Yxy	14.6318, 0.1840, 0.1396
Android (android.graphics.Color)	4282212574 (0xFF3D60DE)
YUV	99.8990, 60.1958, -34.1144
Hunter-Lab	38.2515, 23.0864, -83.1420

# Details

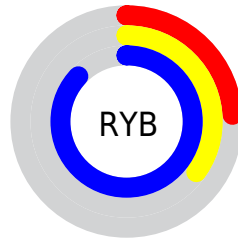
The Hex color **3D60DE** is a dark color, and the websafe version is hex **3366FF**. The color can be described as dark muted azure. A complement of this color would be **DEBB3D**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **8092FF**, and **0033A6** is the 20% darker color. If you saturate the color by 10%, you get **274FDE**, and if you desaturate by 10%, it is **5371DE**.

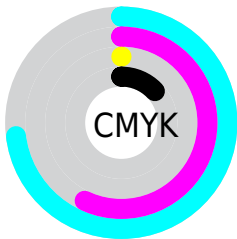
# Distribution



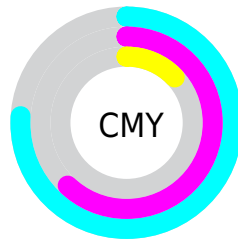
- Red (24%)
- Green (38%)
- Blue (87%)



- Red (24%)
- Yellow (35%)
- Blue (87%)



- Cyan (73%)
- Magenta (57%)
- Yellow (0%)
- Black (13%)



- Cyan (76%)
- Magenta (62%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3D60DE 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 3D60DE by changing the saturation by 10% instead.



 3D60DE

 3D60DE

FFFFFF

 0049C2

 8092FF

 0033A6

 9FADFF

 001F8B

 BEC8FF

 000D70

 DCE4FF

 000557

 FBFFFF

 00063F

 000328

 000111

 000000

■ 3D60DE

■ 3D60DE

■ 274FDE

■ 5371DE

■ 113DDE

■ 6983DE

■ 0030DE

■ 8094DE

■ 96A5DE

■ ACB7DE

■ C2C8DE

■ D8DADE

■ EFEBDE

■ FFFCDE

# Harmonies

## Analogous

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



0077E8



3D60DE



A73BB5

# Triad

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



3D60DE



B94600



00845C

# Complementary

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



3D60DE



DEBB3D

# 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.



007F15



3D60DE



8D6400

# Square

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



3D60DE



D2173D



527600



00859C

# Rectangle

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



3D60DE



C6178F



527600



008346



# Sweetspot

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



3D60DE



C7D3FF



3DDEB8



5E6680



000000



808080



# Same Dimension

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



3D60DE



2151FF



683DDE



656770



0026B0



000B30



# Inverse Universe

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



DE3D60



FF2151



B3DE3D



706567



B00026



30000B



# Previews

## White Background



This preview shows how the Hex color 3D60DE looks on a white background.

## Color Contrast Check

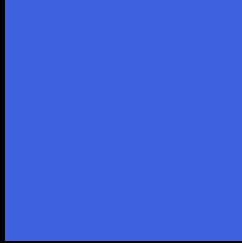
Large Text (above 18pt) WCAG AA ✓ Pass

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 3D60DE looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

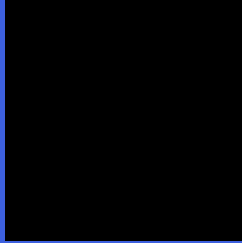
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3D60DE Background



This preview shows how black text looks on a background with the Hex color 3D60DE.

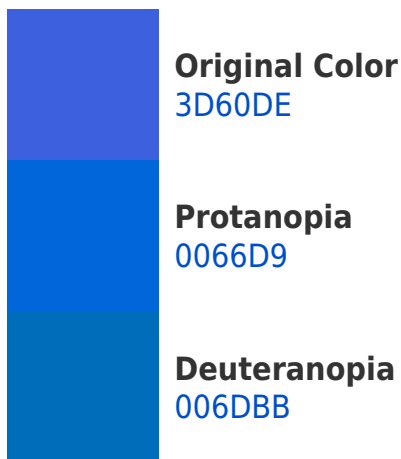


This preview shows how white text looks on a background with the Hex color 3D60DE.

# 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](#).

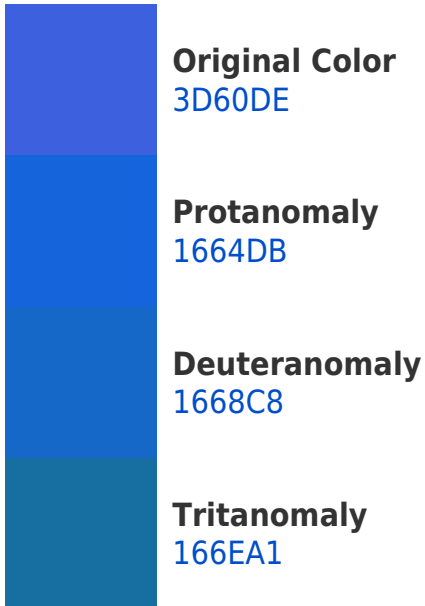
## Dichromacy





**Tritanopia**  
00767E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3D60DE 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 #3D60DE looks like.

```
.text, #text, p{  
    color:#3D60DE  
}
```

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 #3D60DE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D60DE
}
```

## Border

The CSS property to change the border of an element to Hex 3D60DE 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
#3D60DE }
```

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

```
.border{ border-color:#3D60DE }
```

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

Here you see how a box with a 4 pixel #3D60DE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D60DE; -webkit-box-shadow:4px 4px  
4px 4px #3D60DE; box-shadow:4px 4px 4px  
4px #3D60DE }
```

# Background

The CSS property to change the background color of an element to Hex 3D60DE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D60DE }
```

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

```
.background{ background-color:#3D60DE }
```

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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