

# Converting Colors

Hex(3D55DF)

Have a look what the booklet for  
Hex(3D55DF) contains.

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# Color

Hex(3D55DF)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3D55DF
RGB	61, 85, 223
RGB Percent	24%, 33%, 87%
CMY	0.7608, 0.6667, 0.1255
CMYK	0.73, 0.62, 0.00, 0.13
HSL	231°, 72%, 56%
HSV	231°, 73%, 87%
XYZ	18.4923, 12.8168, 71.3113
YIQ	93.5560, -58.6020, 37.8300

# Conversions

## Conversions Part 2

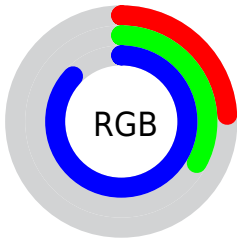
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	61, 82, 223
Decimal	4019679
CIE Lab	42.49, 37.63, -72.85
CIE LCh	42, 81.993, 297.320
Yxy	12.8168, 0.1802, 0.1249
Android (android.graphics.Color)	4282209759 (0xFF3D55DF)
YUV	93.5560, 63.8159, -28.5516
Hunter-Lab	35.8006, 29.5505, -93.0395

# Details

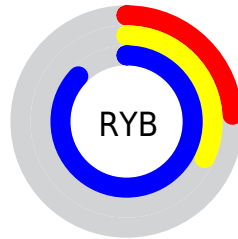
The Hex color **3D55DF** is a dark color, and the websafe version is hex **3366FF**. The color can be described as dark muted blue. A complement of this color would be **DFC73D**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **8187FF**, and **0028A7** is the 20% darker color. If you saturate the color by 10%, you get **2742DF**, and if you desaturate by 10%, it is **5368DF**.

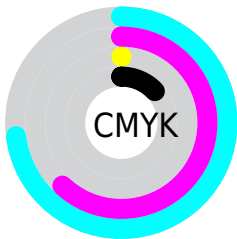
# Distribution



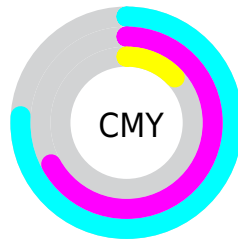
- Red (24%)
- Green (33%)
- Blue (87%)



- Red (24%)
- Yellow (32%)
- Blue (87%)



- Cyan (73%)
- Magenta (62%)
- Yellow (0%)
- Black (13%)



- Cyan (76%)
- Magenta (67%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3D55DF 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 3D55DF by changing the saturation by 10% instead.



 3D55DF

 3D55DF

FFFFFF

 003EC2

 8187FF

 0028A7

 A0A1FF

 00158B

 BFBCFF

 000071

 DED8FF

 000857

 FDF4FF

 00063F

 000328

 000112

 000000

 3D55DF

 3D55DF

 2742DF

 5368DF

 102FDF

 6A7BDF

 0021DF

 808EDF

 96A1DF

 ACB4DF

 C3C7DF

 D9DADF

 EFEDDF

 FFFFDF

# Harmonies

## Analogous

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



0070EE



3D55DF



AC1FAF

# Triad

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



3D55DF



B23E00



007E5C

# Complementary

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



3D55DF



DFC73D

# 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.



007A08



3D55DF



806000

# Square

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



3D55DF



D0002C



3C7200



007FA1

# Rectangle

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



3D55DF



CA0084



3C7200



007D44



# Sweetspot

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



3D55DF



C7CFFF



3DDFC7



5E6380



000000



808080



# Same Dimension

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



3D55DF



2142FF



763DDF



656770



001AB0



000730



# Inverse Universe

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



DF3D55



FF2142



A6DF3D



706567



B0001A

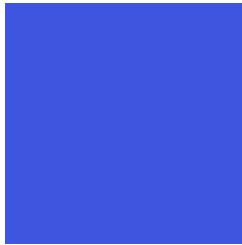


300007



# Previews

## White Background



This preview shows how the Hex color 3D55DF looks on a white background.

## Color Contrast Check

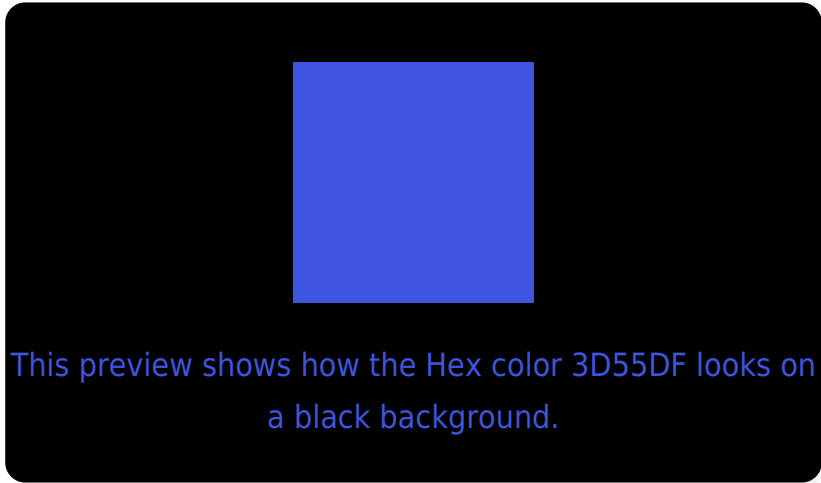
Large Text (above 18pt) WCAG AA ✓ Pass

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

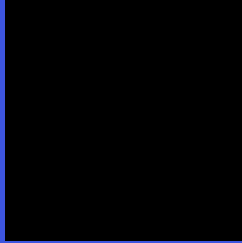
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3D55DF Background



This preview shows how black text looks on a background with the Hex color 3D55DF.

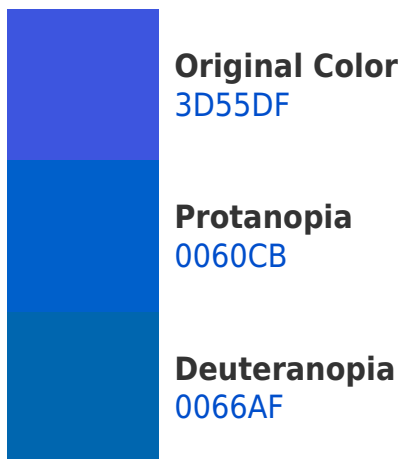


This preview shows how white text looks on a background with the Hex color 3D55DF.

# 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](#).

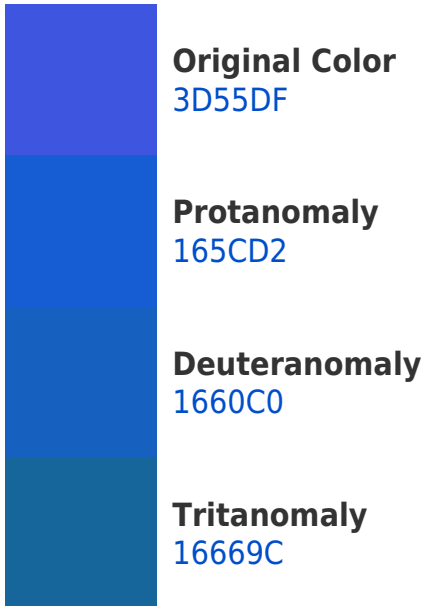
## Dichromacy





**Tritanopia**  
006F76

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3D55DF 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 #3D55DF looks like.

```
.text, #text, p{  
    color:#3D55DF  
}
```

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 #3D55DF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D55DF
}
```

## Border

The CSS property to change the border of an element to Hex 3D55DF 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
#3D55DF }
```

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

```
.border{ border-color:#3D55DF }
```

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

Here you see how a box with a 4 pixel #3D55DF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D55DF; -webkit-box-shadow:4px 4px  
4px 4px #3D55DF; box-shadow:4px 4px 4px  
4px #3D55DF }
```

# Background

The CSS property to change the background color of an element to Hex 3D55DF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D55DF }
```

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

```
.background{ background-color:#3D55DF }
```

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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