

# Converting Colors

Hex(3576DF)

Have a look what the booklet for  
Hex(3576DF) contains.

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# Color

Hex(3576DF)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3576DF
RGB	53, 118, 223
RGB Percent	21%, 46%, 87%
CMY	0.7922, 0.5373, 0.1255
CMYK	0.76, 0.47, 0.00, 0.13
HSL	217°, 73%, 54%
HSV	217°, 76%, 87%
XYZ	21.2659, 19.0415, 72.3666
YIQ	110.5350, -72.4450, 18.8750

# Conversions

## Conversions Part 2

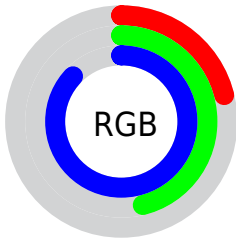
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	53, 100, 223
Decimal	3503839
CIE Lab	50.74, 15.89, -59.48
CIE LCh	51, 61.562, 284.956
Yxy	19.0415, 0.1887, 0.1690
Android (android.graphics.Color)	4281693919 (0xFF3576DF)
YUV	110.5350, 55.4452, -50.4582
Hunter-Lab	43.6365, 10.6266, -67.7806

# Details

The Hex color **3576DF** 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 **DF9E35**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **7BAAFF**, and **0047A7** is the 20% darker color. If you saturate the color by 10%, you get **1F68DF**, and if you desaturate by 10%, it is **4B84DF**.

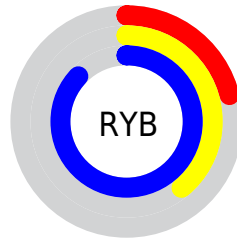
# Distribution



Red (21%)

Green (46%)

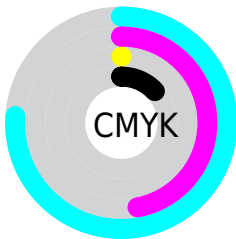
Blue (87%)



Red (21%)

Yellow (39%)

Blue (87%)

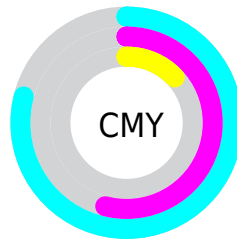


Cyan (76%)

Magenta (47%)

Yellow (0%)

Black (13%)



Cyan (79%)

Magenta (54%)

Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3576DF 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 3576DF by changing the saturation by 10% instead.



 3576DF

 3576DF

FFFFFF

 005EC3

 7BAAFF

 0047A7

 99C5FF

 00318C

 B8E0FF

 001E72

 D7FDFF

 000359

 F5FFFF

 000740

 000329

 000113

 000000

■ 3576DF

■ 3576DF

■ 1F68DF

■ 4B84DF

■ 085ADF

■ 6292DF

■ 0055DF

■ 789FDF

■ 8EADDF

■ A5BBDF

■ BBC9DF

■ D1D6DF

■ E7E4DF

■ FEF2DF

# Harmonies

## Analogous

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



0086DF



3576DF



9C5EC4

# Triad

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



3576DF



C85530



008F5C

# Complementary

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



3576DF



DF9E35

# 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.



398927



3576DF



A76D00

# Square

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



3576DF



D64261



797E00



009192

# Rectangle

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



3576DF



BE4DA6



797E00



008E4A



# Sweetspot

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



3576DF



C4DBFF



35DF9E



5C6980



000000



808080



# Same Dimension

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



3576DF



1770FF



4935DF



656970



0043B0



001330



# Inverse Universe

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



DF3576



FF1770



CBDF35



706569



B00043

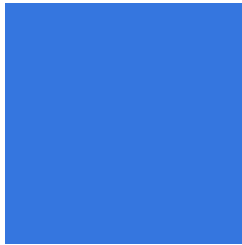


300013



# Previews

## White Background



This preview shows how the Hex color 3576DF looks on a white 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

# Black Background



This preview shows how the Hex color 3576DF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

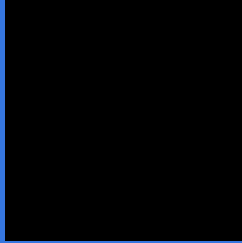
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

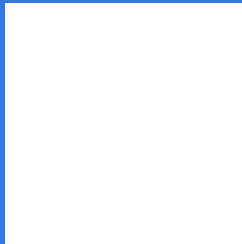
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 3576DF Background



This preview shows how black text looks on a background with the Hex color 3576DF.



This preview shows how white text looks on a background with the Hex color 3576DF.

# 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](#).

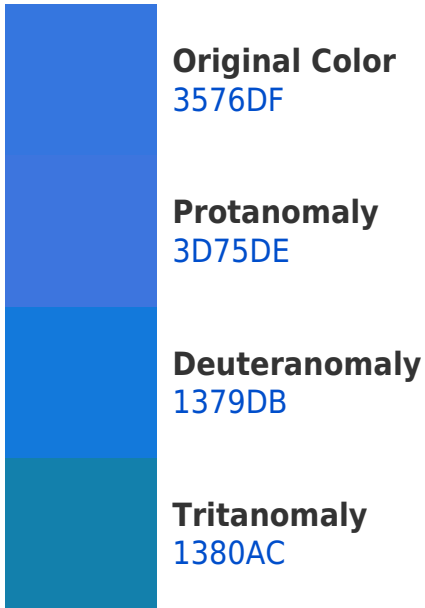
## Dichromacy



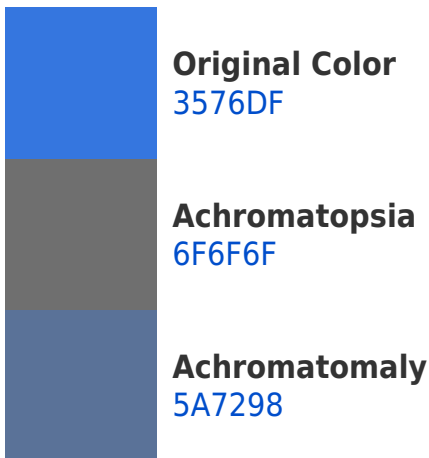


**Tritanopia**  
00858F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3576DF 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 #3576DF looks like.

```
.text, #text, p{  
    color:#3576DF  
}
```

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 #3576DF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3576DF
}
```

## Border

The CSS property to change the border of an element to Hex 3576DF 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
#3576DF }
```

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

```
.border{ border-color:#3576DF }
```

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

Here you see how a box with a 4 pixel #3576DF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3576DF; -webkit-box-shadow:4px 4px  
4px 4px #3576DF; box-shadow:4px 4px 4px  
4px #3576DF }
```

# Background

The CSS property to change the background color of an element to Hex 3576DF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3576DF }
```

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

```
.background{ background-color:#3576DF }
```

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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