

# Converting Colors

Hex(3863CF)

Have a look what the booklet for  
Hex(3863CF) contains.

<b>Hex(3863CF)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

Hex(3863CF)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3863CF
RGB	56, 99, 207
RGB Percent	22%, 39%, 81%
CMY	0.7804, 0.6118, 0.1882
CMYK	0.73, 0.52, 0.00, 0.19
HSL	223°, 61%, 52%
HSV	223°, 73%, 81%
XYZ	17.3552, 14.2694, 60.8710
YIQ	98.4550, -60.2960, 24.4720

# Conversions

## Conversions Part 2

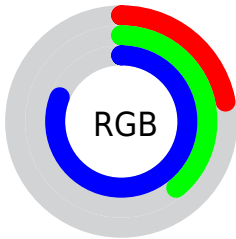
<b>Format</b>	<b>Color</b>
<b>RYB</b>	56, 89, 207
Decimal	3695567
CIELab	44.62, 22.38, -60.25
CIELCh	45, 64.269, 290.380
Yxy	14.2694, 0.1876, 0.1543
Android (android.graphics.Color)	4281885647 (0xFF3863CF)
YUV	98.4550, 53.5127, -37.2330
Hunter-Lab	37.7749, 15.9036, -69.0984

# Details

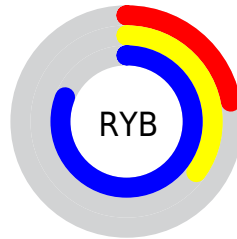
The Hex color **3863CF** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted azure. A complement of this color would be **CFA438**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **7A95FF**, and **003698** is the 20% darker color. If you saturate the color by 10%, you get **2354CF**, and if you desaturate by 10%, it is **4D72CF**.

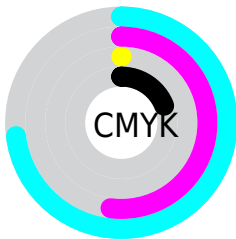
# Distribution



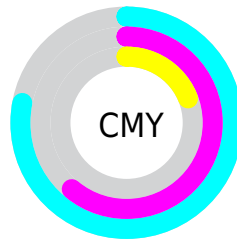
- Red (22%)
- Green (39%)
- Blue (81%)



- Red (22%)
- Yellow (35%)
- Blue (81%)



- Cyan (73%)
- Magenta (52%)
- Yellow (0%)
- Black (19%)



- Cyan (78%)
- Magenta (61%)
- Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3863CF 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 3863CF by changing the saturation by 10% instead.



 3863CF

 3863CF

FFFFFF

 004CB3

 7A95FF

 003698

 98B0FF

 00217D

 B6CBFF

 000E63

 D4E7FF

 00094B

 F2FFFF

 000433

 00021D

 000000

 3863CF

 3863CF

■ 2354CF

■ 4D72CF

■ 0F45CF

■ 6181CF

■ 003BCF

■ 768FCF

■ 8B9ECF

■ 9FADCF

■ B4BCCF

■ C9CBCF

■ DED9CF

■ F2E8CF

# Harmonies

## Analogous

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



0075D4



3863CF



9748AF

# Triad

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



3863CF



B34813



008056

# Complementary

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



3863CF



CFA438

# 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.



007B1C



3863CF



8E6100

# Square

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



3863CF



C62D48



5E7200



00818D

# Rectangle

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



3863CF



B6338F



5E7200



007F43



# Sweetspot

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



3863CF



C7D7FF



38CFA2



5E6880



000000



808080



# Same Dimension

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



3863CF



1F5FFF



5638CF



5E6169



0030A8



000C29



# Inverse Universe

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



CF3863



FF1F5F



B1CF38



695E61



A80030



29000C



# Previews

## White Background



This preview shows how the Hex color 3863CF looks on a white background.

## Color Contrast Check

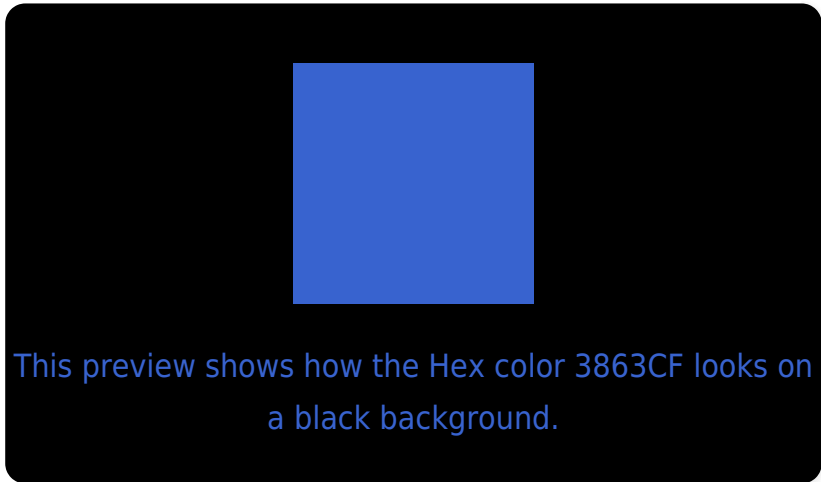
Large Text (above 18pt) WCAG AA ✓ Pass

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 3863CF Background



This preview shows how black text looks on a background with the Hex color 3863CF.



This preview shows how white text looks on a background with the Hex color 3863CF.

# 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](#).

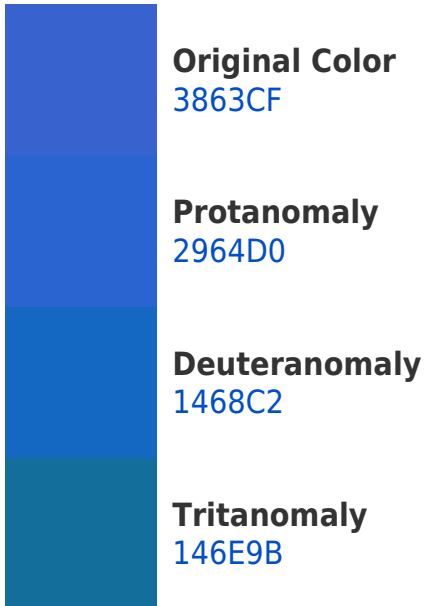
## Dichromacy



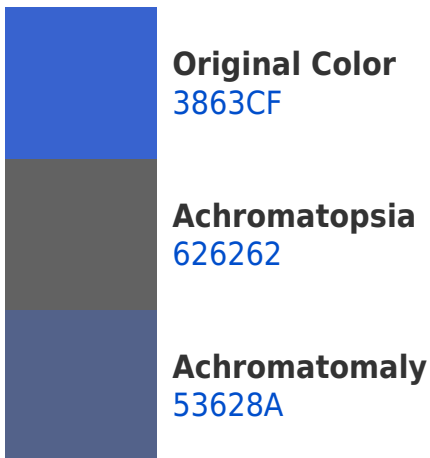


**Tritanopia**  
00757D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3863CF 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 #3863CF looks like.

```
.text, #text, p{  
    color:#3863CF  
}
```

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 #3863CF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3863CF
}
```

## Border

The CSS property to change the border of an element to Hex 3863CF is called "border". The border property can be set on classes, ids or directly on the HTML element.

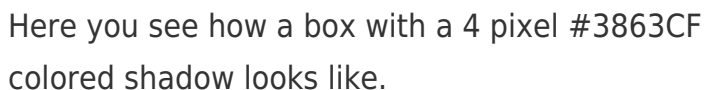
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3863CF }
```

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

```
.border{ border-color:#3863CF }
```

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



Here you see how a box with a 4 pixel #3863CF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3863CF; -webkit-box-shadow:4px 4px  
4px 4px #3863CF; box-shadow:4px 4px 4px  
4px #3863CF }
```

# Background

The CSS property to change the background color of an element to Hex 3863CF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3863CF }
```

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

```
.background{ background-color:#3863CF }
```

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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