

# Converting Colors

Hex(3875DE)

Have a look what the booklet for  
Hex(3875DE) contains.

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# Color

**Hex(3875DE)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3875DE
RGB	56, 117, 222
RGB Percent	22%, 46%, 87%
CMY	0.7804, 0.5412, 0.1294
CMYK	0.75, 0.47, 0.00, 0.13
HSL	218°, 72%, 55%
HSV	218°, 75%, 87%
XYZ	21.1770, 18.8373, 71.6270
YIQ	110.7310, -70.0610, 19.7230

# Conversions

## Conversions Part 2

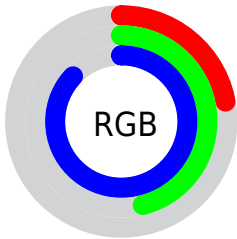
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	56, 101, 222
Decimal	3700190
CIE <sub>Lab</sub>	50.50, 16.50, -59.29
CIE <sub>LCh</sub>	50, 61.544, 285.548
Yxy	18.8373, 0.1897, 0.1687
Android (android.graphics.Color)	4281890270 (0xFF3875DE)
YUV	110.7310, 54.8556, -47.9991
Hunter-Lab	43.4019, 11.1417, -67.4661

# Details

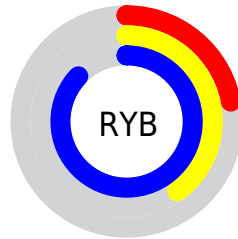
The Hex color **3875DE** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted azure. A complement of this color would be **DEA138**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **7CA8FF**, and **0046A6** is the 20% darker color. If you saturate the color by 10%, you get **2267DE**, and if you desaturate by 10%, it is **4E83DE**.

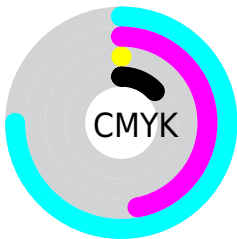
# Distribution



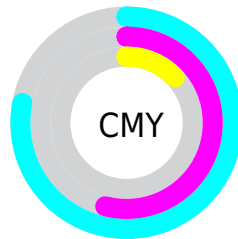
- Red (22%)
- Green (46%)
- Blue (87%)



- Red (22%)
- Yellow (40%)
- Blue (87%)



- Cyan (75%)
- Magenta (47%)
- Yellow (0%)
- Black (13%)



- Cyan (78%)
- Magenta (54%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3875DE 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 3875DE by changing the saturation by 10% instead.



 3875DE

 3875DE

FFFFFF

 005DC2

 7CA8FF

 0046A6

 9BC4FF

 00308B

 B9DFFF

 001D71

 D8FCFF

 000158

 F7FFFF

 00073F

 000329

 000112

 000000

■ 3875DE

■ 3875DE

■ 2267DE

■ 4E83DE

■ 0C59DE

■ 6491DE

■ 0052DE

■ 7B9FDE

■ 91ADDE

■ A7BBDE

■ BDC9DE

■ D3D7DE

■ EAE5DE

■ FFF3DE

# Harmonies

## Analogous

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



0085DE



3875DE



9C5DC2

# Triad

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



3875DE



C7552E



008F5C

# Complementary

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



3875DE



DEA138

# 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.



378927



3875DE



A56C00

# Square

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



3875DE



D5425F



777E00



009093

# Rectangle

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



3875DE



BE4CA5



777E00



008D4A



# Sweetspot

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



3875DE



C7DCFF



38DE9E



5E6B80



000000



808080



# Same Dimension

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



3875DE



196EFF



4B38DE



656970



0041B0



001230



# Inverse Universe

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



DE3875



FF196E



CBDE38



706569



B00041



300012



# Previews

## White Background



This preview shows how the Hex color 3875DE looks on a white background.

## Color Contrast Check

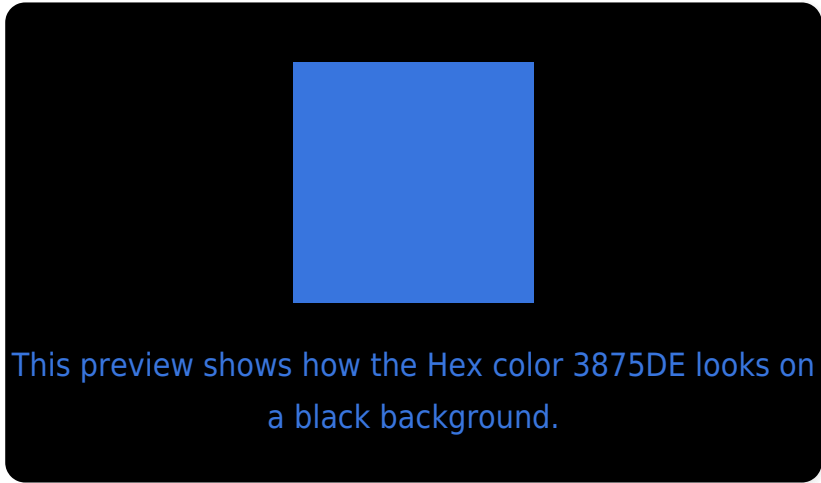
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

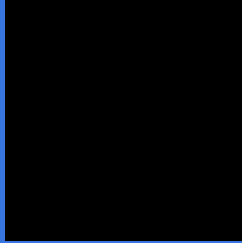
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

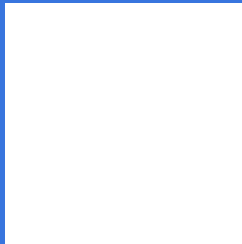
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 3875DE Background



This preview shows how black text looks on a background with the Hex color 3875DE.



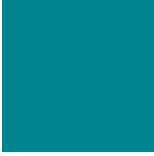
This preview shows how white text looks on a background with the Hex color 3875DE.

# 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](#).

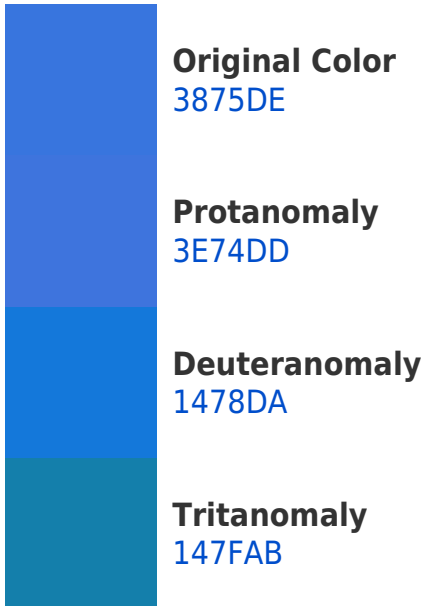
## Dichromacy



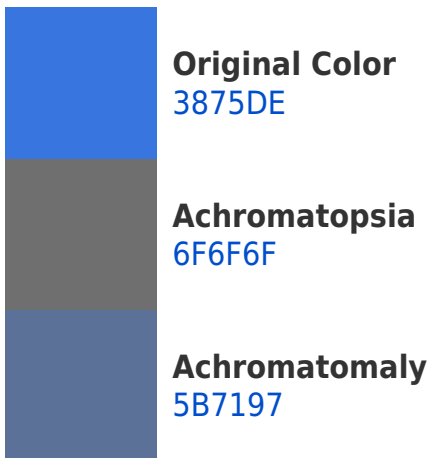


**Tritanopia**  
00858E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3875DE 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 #3875DE looks like.

```
.text, #text, p{  
    color:#3875DE  
}
```

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 #3875DE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3875DE
}
```

## Border

The CSS property to change the border of an element to Hex 3875DE 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
#3875DE }
```

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

```
.border{ border-color:#3875DE }
```

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

Here you see how a box with a 4 pixel #3875DE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3875DE; -webkit-box-shadow:4px 4px  
4px 4px #3875DE; box-shadow:4px 4px 4px  
4px #3875DE }
```

# Background

The CSS property to change the background color of an element to Hex 3875DE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3875DE }
```

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

```
.background{ background-color:#3875DE }
```

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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