

# Converting Colors

Hex(375EDA)

Have a look what the booklet for  
Hex(375EDA) contains.

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# Color

**Hex(375EDA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	375EDA
RGB	55, 94, 218
RGB Percent	22%, 37%, 85%
CMY	0.7843, 0.6314, 0.1451
CMYK	0.75, 0.57, 0.00, 0.15
HSL	226°, 69%, 54%
HSV	226°, 75%, 85%
XYZ	18.2331, 13.8796, 68.0477
YIQ	96.4750, -63.0480, 30.2960

# Conversions

## Conversions Part 2

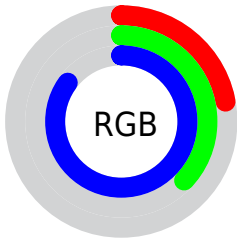
<b>Format</b>	<b>Color</b>
<b>RYB</b>	55, 86, 218
Decimal	3628762
CIELab	44.06, 29.49, -67.44
CIELCh	44, 73.608, 293.616
Yxy	13.8796, 0.1820, 0.1386
Android (android.graphics.Color)	4281818842 (0xFF375EDA)
YUV	96.4750, 59.9118, -36.3736
Hunter-Lab	37.2553, 22.1630, -82.2158

# Details

The Hex color **375EDA** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted blue. A complement of this color would be **DAB337**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **7C90FF**, and **0031A2** is the 20% darker color. If you saturate the color by 10%, you get **214DDA**, and if you desaturate by 10%, it is **4D6FDA**.

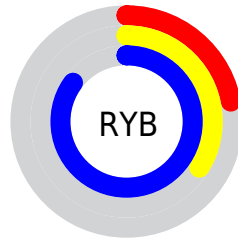
# Distribution



Red (22%)

Green (37%)

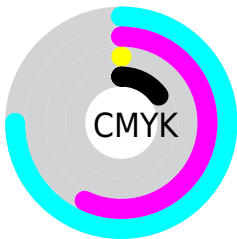
Blue (85%)



Red (22%)

Yellow (34%)

Blue (85%)

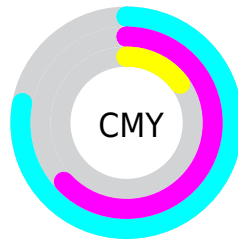


Cyan (75%)

Magenta (57%)

Yellow (0%)

Black (15%)



Cyan (78%)

Magenta (63%)

Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 375EDA 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 375EDA by changing the saturation by 10% instead.



 375EDA

 375EDA

FFFFFF

 0047BE

 7C90FF

 0031A2

 9BAAFF

 001D87

 B9C5FF

 000A6D

 D8E1FF

 000854

 F6FEFF

 00063B

 000225

 00010D

 000000

■ 375EDA

■ 375EDA

■ 214DDA

■ 4D6FDA

■ 0B3DDA

■ 637FDA

■ 0034DA

■ 7890DA

■ 8EA0DA

■ A4B1DA

■ BAC2DA

■ D0D2DA

■ E5E3DA

■ FBF3DA

# Harmonies

## Analogous

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



0074E4



375EDA



A239B2

# Triad

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



375EDA



B54300



008159

# Complementary

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



375EDA



DAB337

# 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.



007C12



375EDA



8A6100

# Square

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



375EDA



CE133C



507300



008298

# Rectangle

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



375EDA



C2158C



507300



008043



# Sweetspot

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



375EDA



C7D4FF



37DAB1



5E6680



000000



808080



# Same Dimension

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



375EDA



1950FF



6037DA



63656E



0029AD



000B2E



# Inverse Universe

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



DA375E



FF1950



B1DA37



6E6365



AD0029

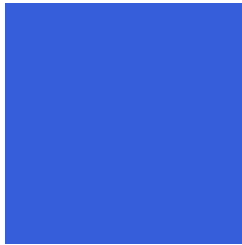


2E000B



# Previews

## White Background



This preview shows how the Hex color 375EDA 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

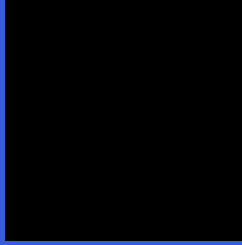
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 375EDA Background



This preview shows how black text looks on a background with the Hex color 375EDA.

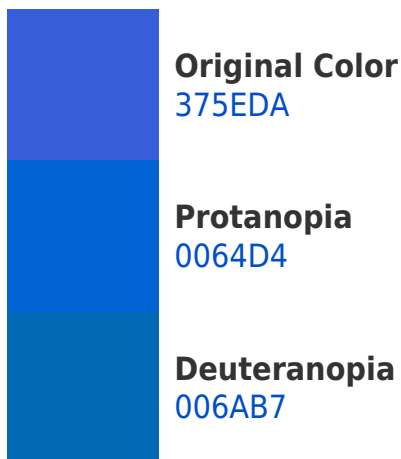


This preview shows how white text looks on a background with the Hex color 375EDA.

# 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](#).

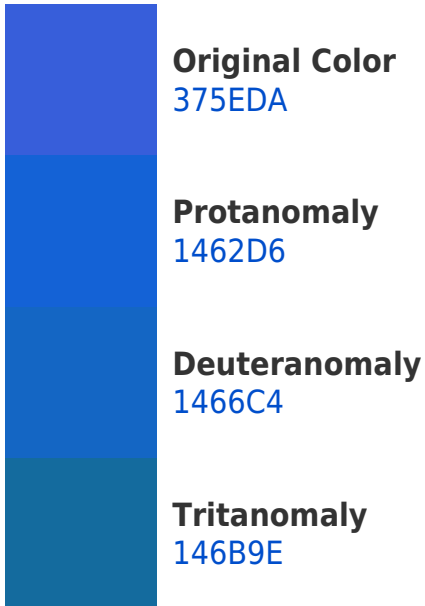
## Dichromacy



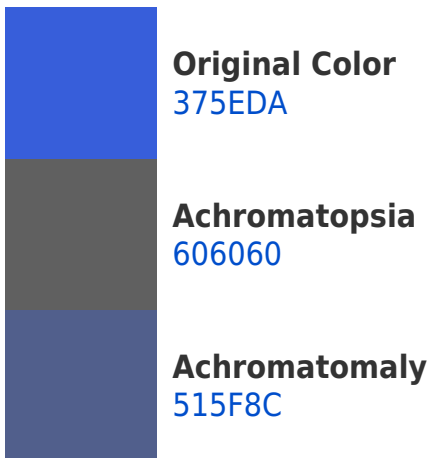


**Tritanopia**  
00737B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 375EDA 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 #375EDA looks like.

```
.text, #text, p{  
    color:#375EDA  
}
```

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 #375EDA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #375EDA
}
```

## Border

The CSS property to change the border of an element to Hex 375EDA is called "border". The border property can be set on classes, ids or directly on the HTML element.

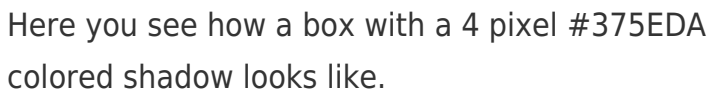
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#375EDA }
```

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

```
.border{ border-color:#375EDA }
```

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



Here you see how a box with a 4 pixel #375EDA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #375EDA; -webkit-box-shadow:4px 4px  
4px 4px #375EDA; box-shadow:4px 4px 4px  
4px #375EDA }
```

# Background

The CSS property to change the background color of an element to Hex 375EDA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#375EDA }
```

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

```
.background{ background-color:#375EDA }
```

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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