

# Converting Colors

Hex(3A75E6)

Have a look what the booklet for  
Hex(3A75E6) contains.

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# Color

**Hex(3A75E6)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3A75E6
RGB	58, 117, 230
RGB Percent	23%, 46%, 90%
CMY	0.7725, 0.5412, 0.0980
CMYK	0.75, 0.49, 0.00, 0.10
HSL	219°, 77%, 56%
HSV	219°, 75%, 90%
XYZ	22.3891, 19.3353, 77.4150
YIQ	112.2410, -71.4370, 22.6350

# Conversions

## Conversions Part 2

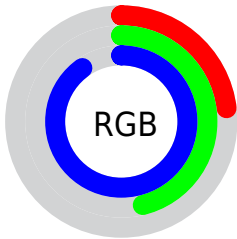
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	58, 102, 230
Decimal	3831270
CIE Lab	51.08, 19.67, -62.86
CIE LCh	51, 65.861, 287.376
Yxy	19.3353, 0.1879, 0.1623
Android (android.graphics.Color)	4282021350 (0xFF3A75E6)
YUV	112.2410, 58.0552, -47.5694
Hunter-Lab	43.9719, 13.9358, -73.6030

# Details

The Hex color **3A75E6** is a dark color, and the websafe version is hex **3366CC**. The color can be described as middle washed azure. A complement of this color would be **E6AB3A**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **7FA8FF**, and **0046AE** is the 20% darker color. If you saturate the color by 10%, you get **2366E6**, and if you desaturate by 10%, it is **5184E6**.

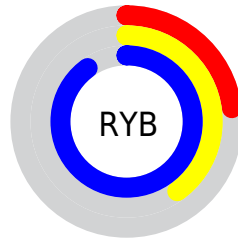
# Distribution



Red (23%)

Green (46%)

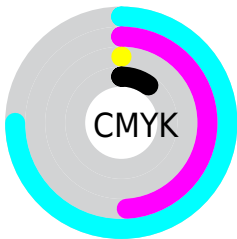
Blue (90%)



Red (23%)

Yellow (40%)

Blue (90%)

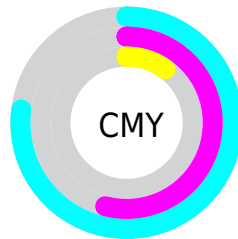


Cyan (75%)

Magenta (49%)

Yellow (0%)

Black (10%)



Cyan (77%)

Magenta (54%)

Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3A75E6 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 3A75E6 by changing the saturation by 10% instead.



 3A75E6

 3A75E6

FFFFFF

 005DC9

 7FA8FF

 0046AE

 9EC3FF

 003192

 BDDFFF

 001D78

 DCFCFF

 00035F

 FAFFFF

 000846

 00042E

 000119

 000000

■ 3A75E6

■ 3A75E6

■ 2366E6

■ 5184E6

■ 0C57E6

■ 6893E6

■ 004FE6

■ 7FA2E6

■ 96B1E6

■ ADC1E6

■ C4D0E6

■ DBDFE6

■ F2EEE6

■ FFFDE6

# Harmonies

## Analogous

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



0087E8



3A75E6



A45AC7

# Triad

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



3A75E6



CB5527



00915F

# Complementary

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



3A75E6



E6AB3A

# 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.



298C24



3A75E6



A66F00

# Square

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



3A75E6



DC3D5C



748100



00939A

# Rectangle

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



3A75E6



C747A6



748100



00904C



# Sweetspot

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



3A75E6



C7DAFF



3AE6AA



5E6A80



000000



808080



# Same Dimension

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



3A75E6



1968FF



543AE6



676B73



003DB3



001133



# Inverse Universe

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



E63A75



FF1968



CCE63A



73676B



B3003D

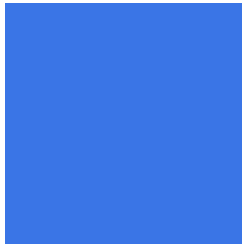


330011



# Previews

## White Background



This preview shows how the Hex color 3A75E6 looks on a white background.

## Color Contrast Check

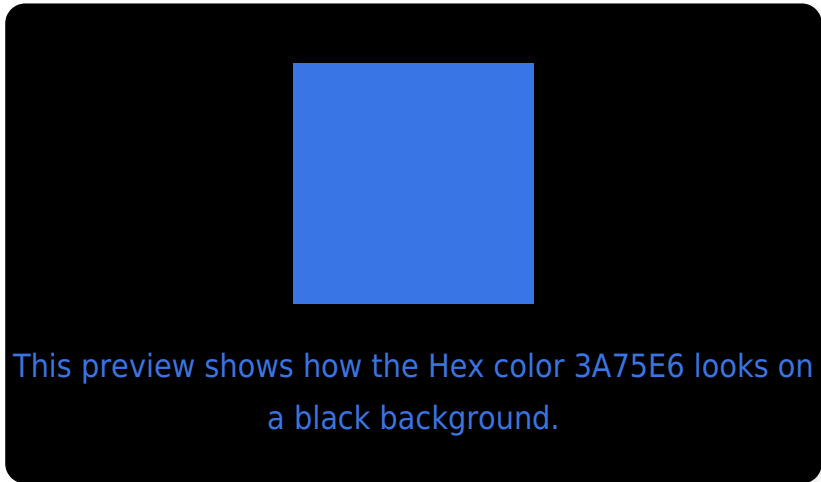
Large Text (above 18pt) WCAG AA ✓ Pass

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

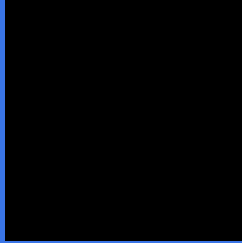
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

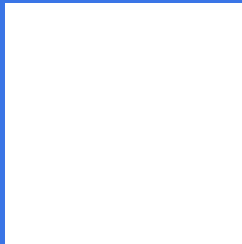
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 3A75E6 Background



This preview shows how black text looks on a background with the Hex color 3A75E6.

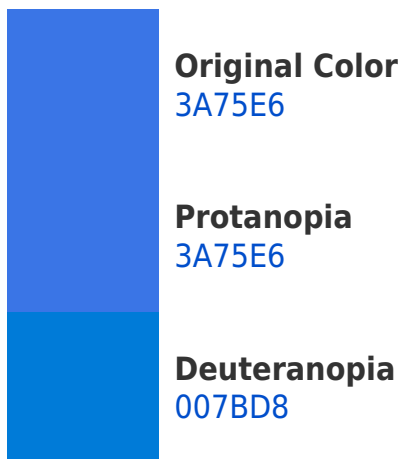


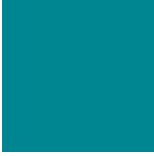
This preview shows how white text looks on a background with the Hex color 3A75E6.

# 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



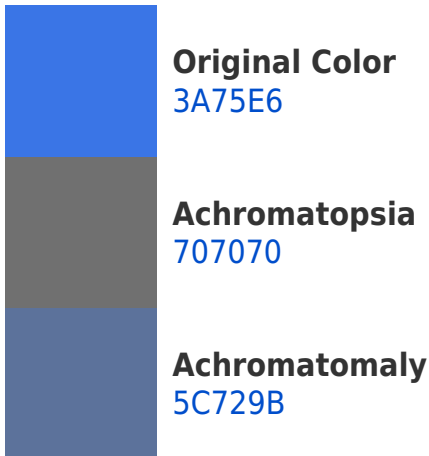


**Tritanopia**  
008690

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3A75E6 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 #3A75E6 looks like.

```
.text, #text, p{  
    color:#3A75E6  
}
```

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 #3A75E6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A75E6
}
```

## Border

The CSS property to change the border of an element to Hex 3A75E6 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
#3A75E6 }
```

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

```
.border{ border-color:#3A75E6 }
```

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

Here you see how a box with a 4 pixel #3A75E6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A75E6; -webkit-box-shadow:4px 4px  
4px 4px #3A75E6; box-shadow:4px 4px 4px  
4px #3A75E6 }
```

# Background

The CSS property to change the background color of an element to Hex 3A75E6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A75E6 }
```

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

```
.background{ background-color:#3A75E6 }
```

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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