

# Converting Colors

Hex(3486D7)

Have a look what the booklet for  
Hex(3486D7) contains.

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**Color**

**Hex(3486D7)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3486D7
RGB	52, 134, 215
RGB Percent	20%, 53%, 84%
CMY	0.7961, 0.4745, 0.1569
CMYK	0.76, 0.38, 0.00, 0.16
HSL	210°, 67%, 52%
HSV	210°, 76%, 84%
XYZ	22.2070, 22.6866, 67.4985
YIQ	118.7160, -74.8730, 7.8070

# Conversions

## Conversions Part 2

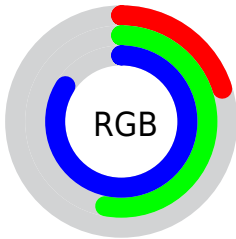
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	52, 107, 215
Decimal	3442391
CIE Lab	54.75, 3.01, -48.55
CIE LCh	55, 48.647, 273.544
Yxy	22.6866, 0.1976, 0.2019
Android (android.graphics.Color)	4281632471 (0xFF3486D7)
YUV	118.7160, 47.4680, -58.5099
Hunter-Lab	47.6304, -0.1301, -50.6804

# Details

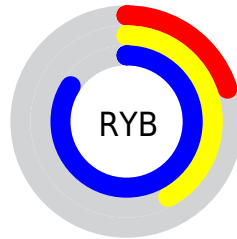
The Hex color **3486D7** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle muted azure. A complement of this color would be **D78534**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **78BBFF**, and **0055A0** is the 20% darker color. If you saturate the color by 10%, you get **1E7BD7**, and if you desaturate by 10%, it is **4A91D7**.

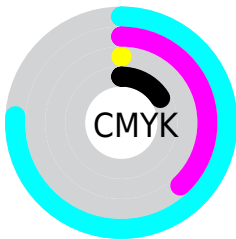
# Distribution



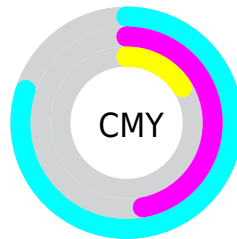
- Red (20%)
- Green (53%)
- Blue (84%)



- Red (20%)
- Yellow (42%)
- Blue (84%)



- Cyan (76%)
- Magenta (38%)
- Yellow (0%)
- Black (16%)



- Cyan (80%)
- Magenta (47%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3486D7 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 3486D7 by changing the saturation by 10% instead.



■ 3486D7

■ 3486D7

FFFFFF

■ 006DBB

■ 78BBFF

■ 0055A0

■ 97D6FF

■ 003E85

■ B5F3FF

■ 00296B

■ D3FFFF

■ 001553

■ F2FFFF

■ 00063B

■ 000224

■ 00000C

■ 000000

■ 3486D7

■ 3486D7

■ 1E7BD7

■ 4A91D7

■ 0971D7

■ 5F9BD7

■ 006CD7

■ 75A6D7

■ 8AB1D7

■ A0BBD7

■ B5C6D7

■ CBD1D7

■ E0DBD7

■ F6E6D7

# Harmonies

## Analogous

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



0091CE



3486D7



8C76C9

# Triad

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



3486D7



CD6457



2A955C

# Complementary

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



3486D7



D78534

# 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.



6A8E39



3486D7



B87337

# Square

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



3486D7



CF5D80



958229



009887

# Rectangle

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



3486D7



AE6AB6



958229



45934F

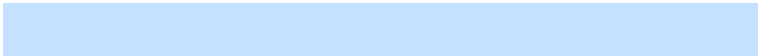


# Sweetspot

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



3486D7



C4E2FF



34D783



5C6E80



000000



808080



# Same Dimension

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



3486D7



178CFF



3437D7



60666B



0056AB



00162B



# Inverse Universe

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



D73486



FF178C



D7D434



6B6066



AB0056

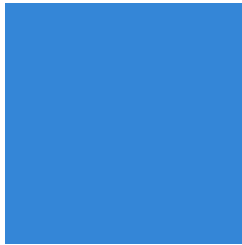


2B0016



# Previews

## White Background



This preview shows how the Hex color 3486D7 looks on a white background.

## Color Contrast Check

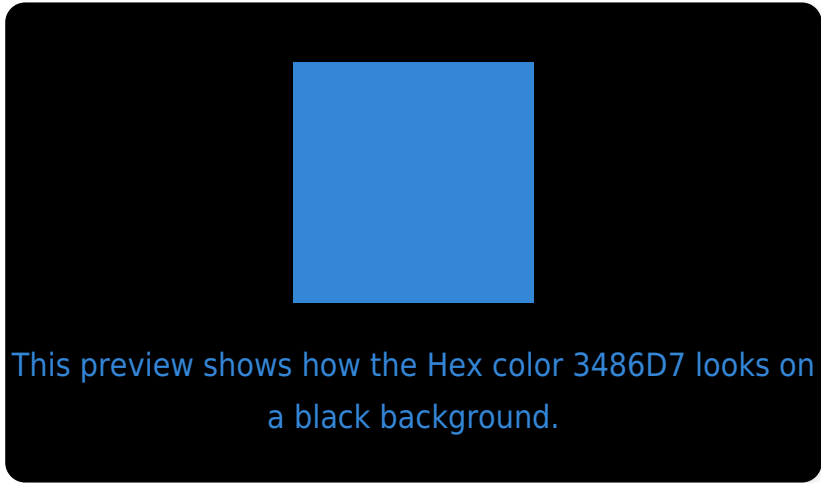
Large Text (above 18pt) WCAG AA ✓ Pass

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

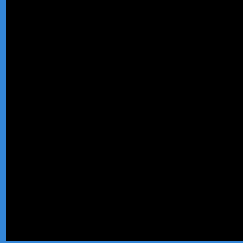
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

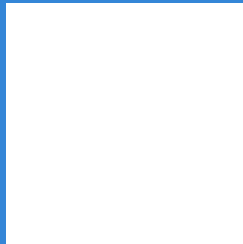
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 3486D7 Background



This preview shows how black text looks on a background with the Hex color 3486D7.

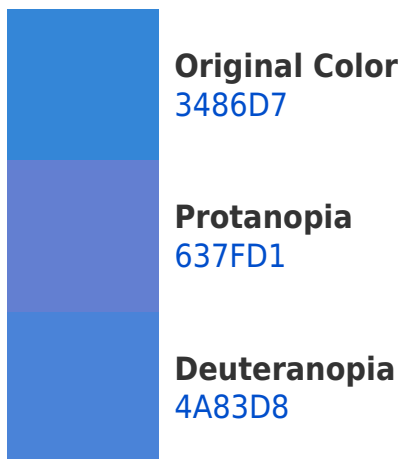


This preview shows how white text looks on a background with the Hex color 3486D7.

# 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](#).

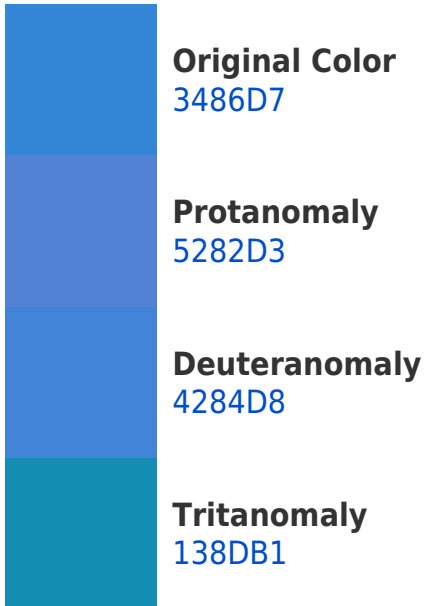
## Dichromacy



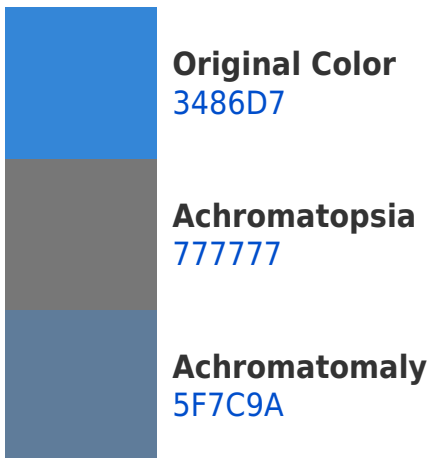


**Tritanopia**  
00919C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3486D7 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 #3486D7 looks like.

```
.text, #text, p{  
    color:#3486D7  
}
```

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 #3486D7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3486D7
}
```

## Border

The CSS property to change the border of an element to Hex 3486D7 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
#3486D7 }
```

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

```
.border{ border-color:#3486D7 }
```

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

Here you see how a box with a 4 pixel #3486D7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3486D7; -webkit-box-shadow:4px 4px  
4px 4px #3486D7; box-shadow:4px 4px 4px  
4px #3486D7 }
```

# Background

The CSS property to change the background color of an element to Hex 3486D7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3486D7 }
```

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

```
.background{ background-color:#3486D7 }
```

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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