

# Converting Colors

Hex(3A80EE)

Have a look what the booklet for  
Hex(3A80EE) contains.

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# Color

**Hex(3A80EE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3A80EE
RGB	58, 128, 238
RGB Percent	23%, 50%, 93%
CMY	0.7725, 0.4980, 0.0667
CMYK	0.76, 0.46, 0.00, 0.07
HSL	217°, 84%, 58%
HSV	217°, 76%, 93%
XYZ	24.8967, 22.5109, 83.9218
YIQ	119.6100, -77.0300, 19.3700

# Conversions

## Conversions Part 2

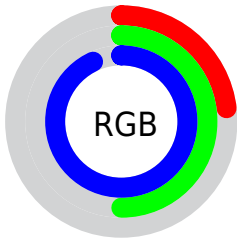
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	58, 108, 238
Decimal	3834094
CIE Lab	54.56, 15.76, -61.71
CIE LCh	55, 63.689, 284.325
Yxy	22.5109, 0.1896, 0.1714
Android (android.graphics.Color)	4282024174 (0xFF3A80EE)
YUV	119.6100, 58.3663, -54.0320
Hunter-Lab	47.4457, 10.6364, -71.6600

# Details

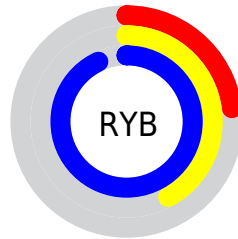
The Hex color **3A80EE** is a dark color, and the websafe version is hex **3366CC**. The color can be described as middle washed azure. A complement of this color would be **EEA83A**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **80B4FF**, and **0050B5** is the 20% darker color. If you saturate the color by 10%, you get **2271EE**, and if you desaturate by 10%, it is **528FEE**.

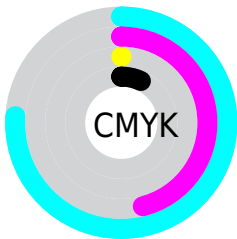
# Distribution



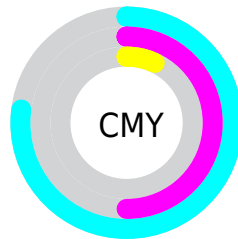
- Red (23%)
- Green (50%)
- Blue (93%)



- Red (23%)
- Yellow (42%)
- Blue (93%)



- Cyan (76%)
- Magenta (46%)
- Yellow (0%)
- Black (7%)



- Cyan (77%)
- Magenta (50%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3A80EE 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 3A80EE by changing the saturation by 10% instead.



 3A80EE

 3A80EE

FFFFFF

 0067D1

 80B4FF

 0050B5

 A0D0FF

 003A9A

 BFECFF

 00267F


 DEFFFF

 001365

 FDFFFF

 000A4D

 000535

 00021F

 000001

■ 3A80EE

■ 3A80EE

■ 2271EE

■ 528FEE

■ 0A63EE

■ 6A9DEE

■ 005DEE

■ 81ACEE

■ 99BAEE

■ B1C9EE

■ C9D7EE

■ E1E6EE

■ F8F4EE

■ FFFFEE

# Harmonies

## Analogous

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



0091ED



3A80EE



A667D2

# Triad

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



3A80EE



D75D37



009A63

# Complementary

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



3A80EE



EEA83A

# 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.



43942C



3A80EE



B47500

# Square

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



3A80EE



E54A6B



848800



009C9C

# Rectangle

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



3A80EE



CA56B3



848800



009950



# Sweetspot

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



3A80EE



C4DBFF



3AEEA6



5C6A80



000000



808080



# Same Dimension

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



3A80EE



1771FF



4C3AEE



6C7178



0047B8



001638



# Inverse Universe

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



EE3A80



FF1771



DCEE3A



786C71



B80047

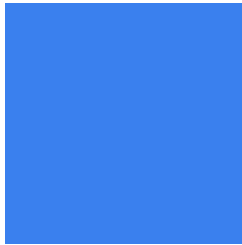


380016



# Previews

## White Background



This preview shows how the Hex color 3A80EE looks on a white background.

## Color Contrast Check

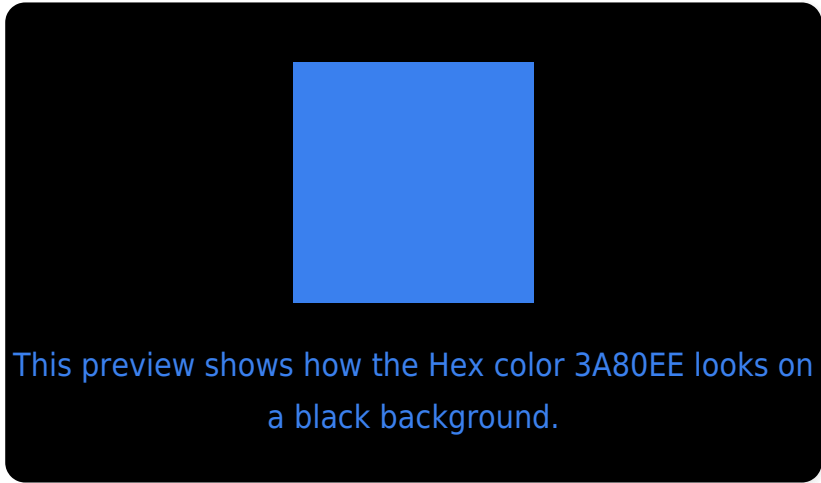
Large Text (above 18pt) WCAG AA ✓ Pass

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

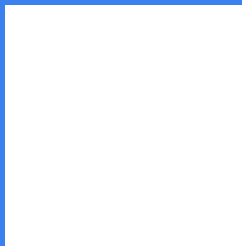
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 3A80EE Background



This preview shows how black text looks on a background with the Hex color 3A80EE.



This preview shows how white text looks on a background with the Hex color 3A80EE.

# 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](#).

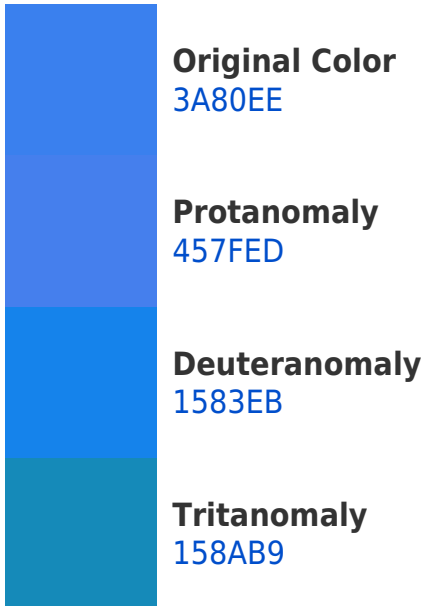
## Dichromacy





**Tritanopia**  
00909B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3A80EE 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 #3A80EE looks like.

```
.text, #text, p{  
    color:#3A80EE  
}
```

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 #3A80EE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A80EE
}
```

## Border

The CSS property to change the border of an element to Hex 3A80EE is called "border". The border property can be set on classes, ids or directly on the HTML element.

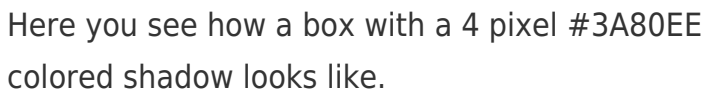
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3A80EE }
```

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

```
.border{ border-color:#3A80EE }
```

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



Here you see how a box with a 4 pixel #3A80EE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A80EE; -webkit-box-shadow:4px 4px  
4px 4px #3A80EE; box-shadow:4px 4px 4px  
4px #3A80EE }
```

# Background

The CSS property to change the background color of an element to Hex 3A80EE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A80EE }
```

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

```
.background{ background-color:#3A80EE }
```

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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