

# Converting Colors

Hex(3782EA)

Have a look what the booklet for  
Hex(3782EA) contains.

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# Color

**Hex(3782EA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3782EA
RGB	55, 130, 234
RGB Percent	22%, 51%, 92%
CMY	0.7843, 0.4902, 0.0824
CMYK	0.76, 0.44, 0.00, 0.08
HSL	215°, 81%, 57%
HSV	215°, 76%, 92%
XYZ	24.4095, 22.7180, 80.9404
YIQ	119.4310, -78.0840, 16.4440

# Conversions

## Conversions Part 2

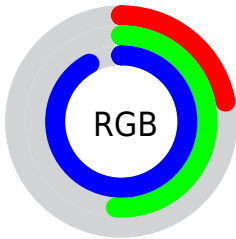
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	55, 108, 234
Decimal	3637994
CIE <sub>Lab</sub>	54.78, 12.73, -59.14
CIE <sub>LCh</sub>	55, 60.493, 282.145
Yxy	22.7180, 0.1906, 0.1774
Android (android.graphics.Color)	4281828074 (0xFF3782EA)
YUV	119.4310, 56.4825, -56.5060
Hunter-Lab	47.6634, 8.0028, -67.3199

# Details

The Hex color **3782EA** is a dark color, and the websafe version is hex **6699FF**. The color can be described as middle washed azure. A complement of this color would be **EA9F37**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **7EB6FF**, and **0052B1** is the 20% darker color. If you saturate the color by 10%, you get **2074EA**, and if you desaturate by 10%, it is **4E90EA**.

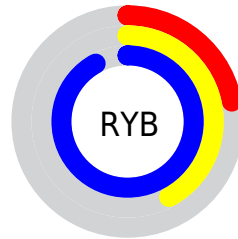
# Distribution



Red (22%)

Green (51%)

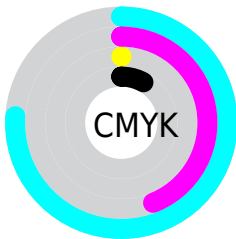
Blue (92%)



Red (22%)

Yellow (42%)

Blue (92%)

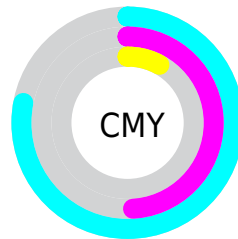


Cyan (76%)

Magenta (44%)

Yellow (0%)

Black (8%)



Cyan (78%)

Magenta (49%)

Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3782EA 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 3782EA by changing the saturation by 10% instead.



 3782EA

 3782EA

FFFFFF

 0069CD

 7EB6FF

 0052B1

 9DD2FF

 003B96

 BCEEFF

 00277C

 DBFFFF

 001462

 FAFFFF

 00094A

 000432

 00021C

 000000

■ 3782EA

■ 3782EA

■ 2074EA

■ 4E90EA

■ 0867EA

■ 669DEA

■ 0062EA

■ 7DABEA

■ 95B8EA

■ ACC6EA

■ C3D4EA

■ DBE1EA

■ F2EFEA

■ FFFCEA

# Harmonies

## Analogous

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



0092E7



3782EA



A06BD1

# Triad

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



3782EA



D65F3F



009961

# Complementary

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



3782EA



EA9F37

# 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.



4E932E



3782EA



B67513

# Square

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



3782EA



E14F70



898700



009C98

# Rectangle

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



3782EA



C55BB5



898700



00984F



# Sweetspot

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



3782EA



C4DDFF



37EA9C



5C6B80



000000



808080



# Same Dimension

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



3782EA



1477FF



4337EA



6A6E75



004CB5



001636



# Inverse Universe

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



EA3782



FF1477



DEEA37



756A6E



B5004C

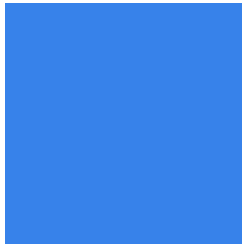


360016



# Previews

## White Background



This preview shows how the Hex color 3782EA looks on a white background.

## Color Contrast Check

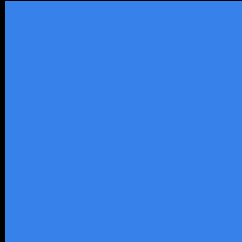
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 3782EA looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

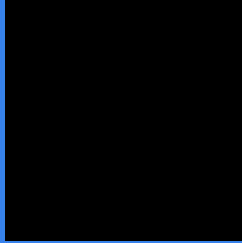
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

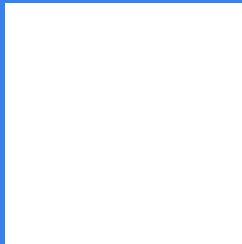
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 3782EA Background



This preview shows how black text looks on a background with the Hex color 3782EA.



This preview shows how white text looks on a background with the Hex color 3782EA.

# 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](#).

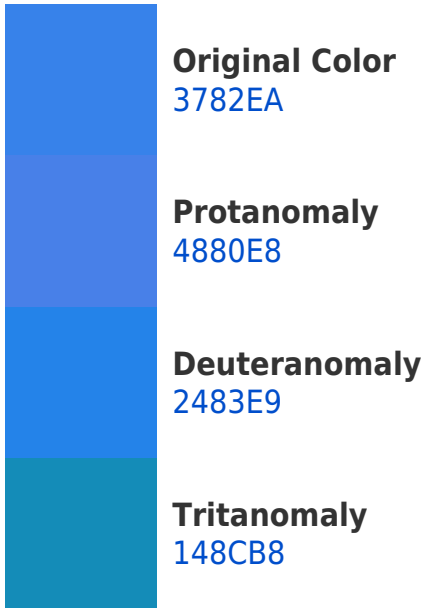
## Dichromacy





**Tritanopia**  
00919B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3782EA 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 #3782EA looks like.

```
.text, #text, p{  
    color:#3782EA  
}
```

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 #3782EA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3782EA
}
```

## Border

The CSS property to change the border of an element to Hex 3782EA 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
#3782EA }
```

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

```
.border{ border-color:#3782EA }
```

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

Here you see how a box with a 4 pixel #3782EA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3782EA; -webkit-box-shadow:4px 4px  
4px 4px #3782EA; box-shadow:4px 4px 4px  
4px #3782EA }
```

# Background

The CSS property to change the background color of an element to Hex 3782EA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3782EA }
```

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

```
.background{ background-color:#3782EA }
```

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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