

# Converting Colors

Hex(3B88E1)

Have a look what the booklet for  
Hex(3B88E1) contains.

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# Color

**Hex(3B88E1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3B88E1
RGB	59, 136, 225
RGB Percent	23%, 53%, 88%
CMY	0.7686, 0.4667, 0.1176
CMYK	0.74, 0.40, 0.00, 0.12
HSL	212°, 73%, 56%
HSV	212°, 74%, 88%
XYZ	24.1984, 23.9744, 74.5863
YIQ	123.1230, -74.4610, 11.3550

# Conversions

## Conversions Part 2

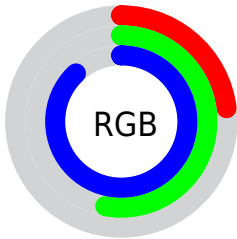
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	59, 112, 225
Decimal	3901665
CIE Lab	56.06, 6.29, -52.06
CIE LCh	56, 52.437, 276.884
Yxy	23.9744, 0.1971, 0.1953
Android (android.graphics.Color)	4282091745 (0xFF3B88E1)
YUV	123.1230, 50.2254, -56.2359
Hunter-Lab	48.9636, 2.5304, -56.0419

# Details

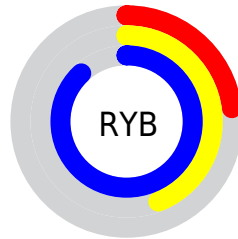
The Hex color **3B88E1** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle washed azure. A complement of this color would be **E1943B**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **7EBDFF**, and **0057A9** is the 20% darker color. If you saturate the color by 10%, you get **257CE1**, and if you desaturate by 10%, it is **5294E1**.

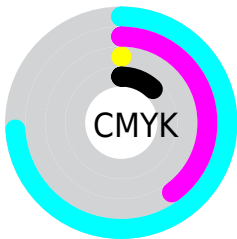
# Distribution



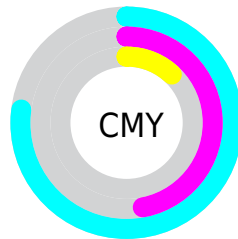
- Red (23%)
- Green (53%)
- Blue (88%)



- Red (23%)
- Yellow (44%)
- Blue (88%)



- Cyan (74%)
- Magenta (40%)
- Yellow (0%)
- Black (12%)



- Cyan (77%)
- Magenta (47%)
- Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3B88E1 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 3B88E1 by changing the saturation by 10% instead.



■ 3B88E1

■ 3B88E1

FFFFFF

■ 006FC5

■ 7EBDFE

■ 0057A9

■ 9DD8FF

■ 00408E

■ BBF5FF

■ 002B74

■ DAFFFF

■ 00185B

■ F9FFFF

■ 000743

■ 00032C

■ 000116

■ 000000

■ 3B88E1

■ 3B88E1

■ 257CE1

■ 5294E1

■ 0E70E1

■ 68A0E1

■ 0068E1

■ 7FACE1

■ 95B8E1

■ ACC4E1

■ C2D0E1

■ D9DCE1

■ EFE9E1

■ FFF5E1

# Harmonies

## Analogous

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



0095DA



3B88E1



9676D0

# Triad

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



3B88E1



D46552



039A61

# Complementary

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



3B88E1



E1943B

# 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.



659339



3B88E1



BB7730

# Square

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



3B88E1



D95C7E



958723



009D90

# Rectangle

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



3B88E1



B969B9



958723



389852

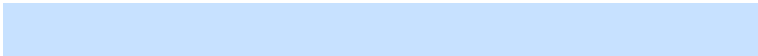


# Sweetspot

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



3B88E1



C7E1FF



3BE194



5E6E80



000000



808080



# Same Dimension

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



3B88E1



1C85FF



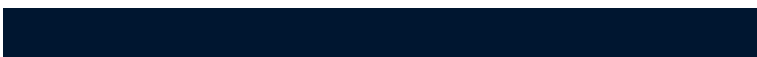
413BE1



656A70



0052B0



001630



# Inverse Universe

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



E13B88



FF1C85



DBE13B



70656A



B00052

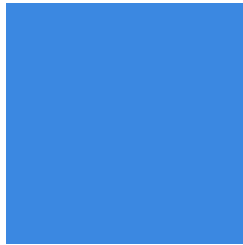


300016



# Previews

## White Background



This preview shows how the Hex color 3B88E1 looks on a white background.

## Color Contrast Check

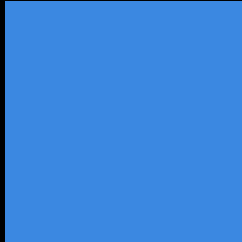
Large Text (above 18pt) WCAG AA ✓ Pass

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 3B88E1 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

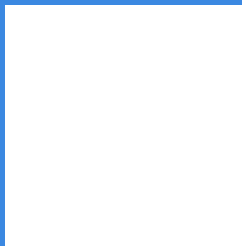
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 3B88E1 Background



This preview shows how black text looks on a background with the Hex color 3B88E1.



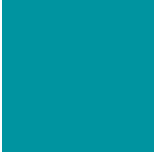
This preview shows how white text looks on a background with the Hex color 3B88E1.

# 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](#).

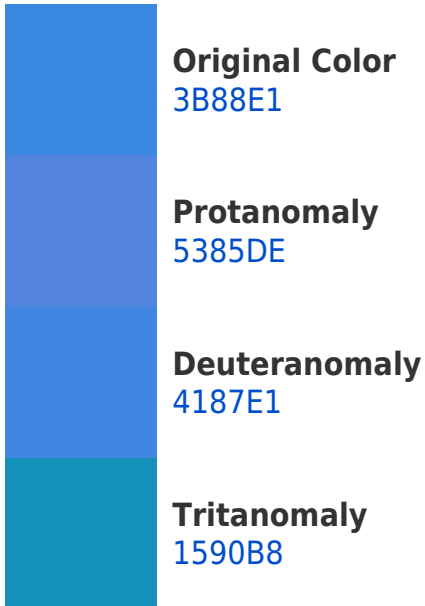
## Dichromacy





**Tritanopia**  
0094A0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3B88E1 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 #3B88E1 looks like.

```
.text, #text, p{  
    color:#3B88E1  
}
```

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 #3B88E1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B88E1
}
```

## Border

The CSS property to change the border of an element to Hex 3B88E1 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
#3B88E1 }
```

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

```
.border{ border-color:#3B88E1 }
```

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

Here you see how a box with a 4 pixel #3B88E1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B88E1; -webkit-box-shadow:4px 4px  
4px 4px #3B88E1; box-shadow:4px 4px 4px  
4px #3B88E1 }
```

# Background

The CSS property to change the background color of an element to Hex 3B88E1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B88E1 }
```

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

```
.background{ background-color:#3B88E1 }
```

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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