

# Converting Colors

Hex(3794B9)

Have a look what the booklet for  
Hex(3794B9) contains.

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**Color**

**Hex(3794B9)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3794B9
RGB	55, 148, 185
RGB Percent	22%, 58%, 73%
CMY	0.7843, 0.4196, 0.2745
CMYK	0.70, 0.20, 0.00, 0.27
HSL	197°, 54%, 47%
HSV	197°, 70%, 73%
XYZ	20.9224, 25.4948, 49.7172
YIQ	124.4110, -67.3050, -8.2090

# Conversions

## Conversions Part 2

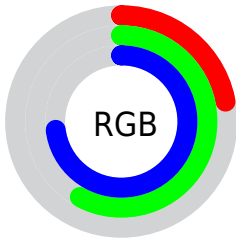
<b>Format</b>	<b>Color</b>
<b>RYB</b>	55, 109, 185
Decimal	3642553
CIELab	57.55, -15.15, -27.19
CIELCh	58, 31.125, 240.881
Yxy	25.4948, 0.2176, 0.2652
Android (android.graphics.Color)	4281832633 (0xFF3794B9)
YUV	124.4110, 29.8704, -60.8734
Hunter-Lab	50.4924, -14.3971, -23.0351

# Details

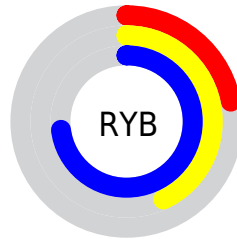
The Hex color **3794B9** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **B95C37**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **76CAF1**, and **006184** is the 20% darker color. If you saturate the color by 10%, you get **258FB9**, and if you desaturate by 10%, it is **4A99B9**.

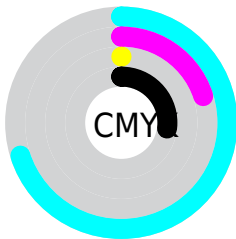
# Distribution



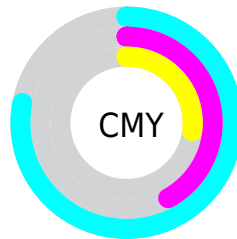
- Red (22%)
- Green (58%)
- Blue (73%)



- Red (22%)
- Yellow (43%)
- Blue (73%)



- Cyan (70%)
- Magenta (20%)
- Yellow (0%)
- Black (27%)



- Cyan (78%)
- Magenta (42%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3794B9 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 3794B9 by changing the saturation by 10% instead.



■ 3794B9

■ 3794B9

FFFFFF

■ 027A9E

■ 76CAF1

■ 006184

■ 93E6FF

■ 00496A

■ B0FFFF

■ 003352

■ CEFFFF

■ 001E3B

■ ECFFFF

■ 000225

■ 00010E

■ 000000

■ 3794B9

■ 3794B9

■ 258FB9

■ 4A99B9

■ 1289B9

■ 5C9FB9

■ 0084B9

■ 6FA4B9

■ 81A9B9

■ 94AEB9

■ A6B4B9

■ B9B9B9

■ CBBEB9

■ DDC3B9

# Harmonies

## Analogous

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



1F98A5



3794B9



658DC0

# Triad

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



3794B9



BD758A



7F915B

# Complementary

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



3794B9



B95C37

# 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.



9C8953



3794B9



BE7870

# Square

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



3794B9



AD7AA5



B27F5B



5F966F

# Rectangle

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



3794B9



8286BD



B27F5B



898E57



# Sweetspot

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



3794B9



BDE1F0



37B95C



5A6F78



F7F7F7



787878



# Same Dimension

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



3794B9



26B6F0



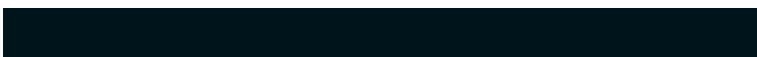
3753B9



53595C



006F9C



00141C



# Inverse Universe

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



B93794



F026B6



B99D37



5C5359



9C006F



1C0014



# Previews

## White Background



This preview shows how the Hex color 3794B9 looks on a white background.

## Color Contrast Check

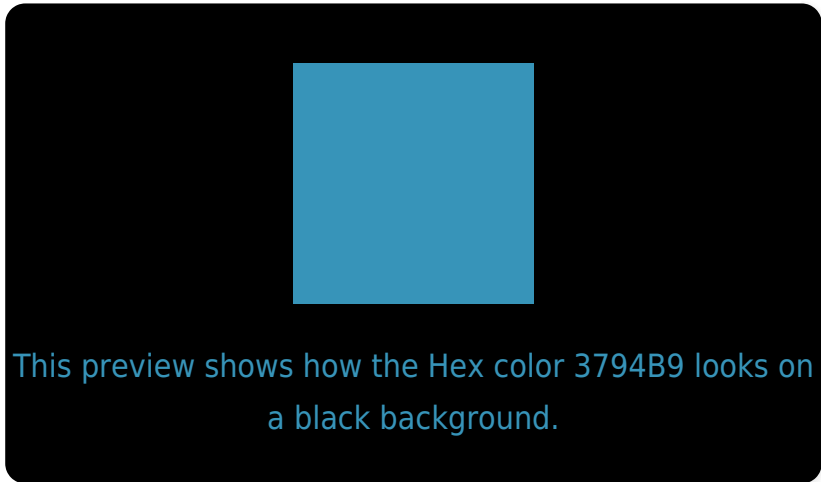
Large Text (above 18pt) WCAG AA ✓ Pass

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 3794B9 Background



This preview shows how black text looks on a background with the Hex color 3794B9.



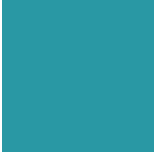
This preview shows how white text looks on a background with the Hex color 3794B9.

# 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](#).

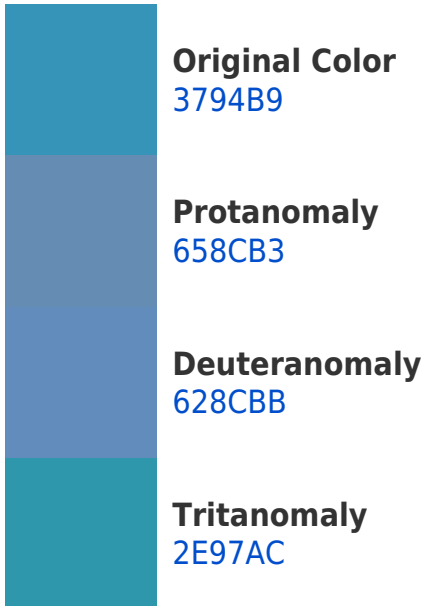
## Dichromacy





**Tritanopia**  
2998A4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3794B9 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 #3794B9 looks like.

```
.text, #text, p{  
    color:#3794B9  
}
```

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 #3794B9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3794B9
}
```

## Border

The CSS property to change the border of an element to Hex 3794B9 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
#3794B9 }
```

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

```
.border{ border-color:#3794B9 }
```

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

Here you see how a box with a 4 pixel #3794B9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3794B9; -webkit-box-shadow:4px 4px  
4px 4px #3794B9; box-shadow:4px 4px 4px  
4px #3794B9 }
```

# Background

The CSS property to change the background color of an element to Hex 3794B9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3794B9 }
```

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

```
.background{ background-color:#3794B9 }
```

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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