

Converting Colors

Hex(3797BF)

Have a look what the booklet for
Hex(3797BF) contains.

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Color

Hex(3797BF)

Conversions

Conversions Part 1

Format	Color
Hex	3797BF
RGB	55, 151, 191
RGB Percent	22%, 59%, 75%
CMY	0.7843, 0.4078, 0.2510
CMYK	0.71, 0.21, 0.00, 0.25
HSL	198°, 55%, 48%
HSV	198°, 71%, 75%
XYZ	22.0461, 26.7070, 53.2832
YIQ	126.8560, -70.0560, -7.9120

Conversions

Conversions Part 2

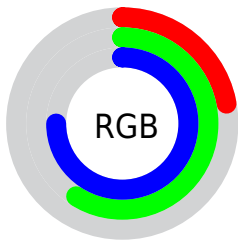
Format	Color
RYB	55, 111, 191
Decimal	3643327
CIELab	58.70, -14.78, -28.81
CIELCh	59, 32.381, 242.837
Yxy	26.7070, 0.2161, 0.2617
Android (android.graphics.Color)	4281833407 (0xFF3797BF)
YUV	126.8560, 31.6230, -63.0177
Hunter-Lab	51.6788, -14.2901, -24.9555

Details

The Hex color **3797BF** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **BF5F37**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **77CDF8**, and **006489** is the 20% darker color. If you saturate the color by 10%, you get **2491BF**, and if you desaturate by 10%, it is **4A9DBF**.

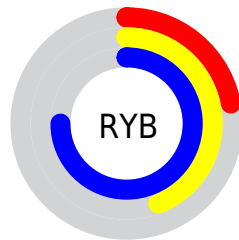
Distribution



Red (22%)

Green (59%)

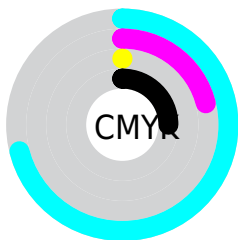
Blue (75%)



Red (22%)

Yellow (44%)

Blue (75%)

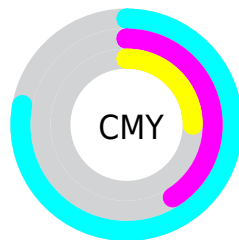


Cyan (71%)

Magenta (21%)

Yellow (0%)

Black (25%)



Cyan (78%)

Magenta (41%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3797BF 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 3797BF by changing the saturation by 10% instead.

■ 3797BF

■ 3797BF

FFFFFF

■ 007DA4

■ 77CDF8

■ 006489

■ 94E9FF

■ 004C70

■ B2FFFF

■ 003557

■ CFFFFF

■ 002040

■ EDFFFF

■ 00032A

■ 000114

■ 000000

■ 3797BF

■ 3797BF

■ 2491BF

■ 4A9DBF

■ 118CBF

■ 5DA2BF

■ 0087BF

■ 70A8BF

■ 83ADBf

■ 97B3BF

■ AAB9BF

■ BDBEBF

■ D0C4BF

■ E3CABF

Harmonies

Analogous

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



169BAB



3797BF



698FC6

Triad

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



3797BF



C3778C



7F955D

Complementary

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



3797BF



BF5F37

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.



9D8C54



3797BF



C37A70

Square

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



3797BF



B37BA8



B5835B



5D9A72

Rectangle

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



3797BF



8788C1



B5835B



8A9258

Sweetspot

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



3797BF



C3E8F7



37BF5E



5E747D



FCFCFC



7D7D7D

Same Dimension

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



3797BF



25BAF7



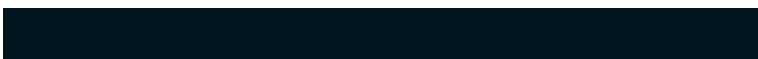
3754BF



555C5E



00709E



00161F

Inverse Universe

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



BF3797



F725BA



BFA237



5E555C



9E0070



1F0016

Previews

White Background



This preview shows how the Hex color 3797BF looks on a white background.

Color Contrast Check

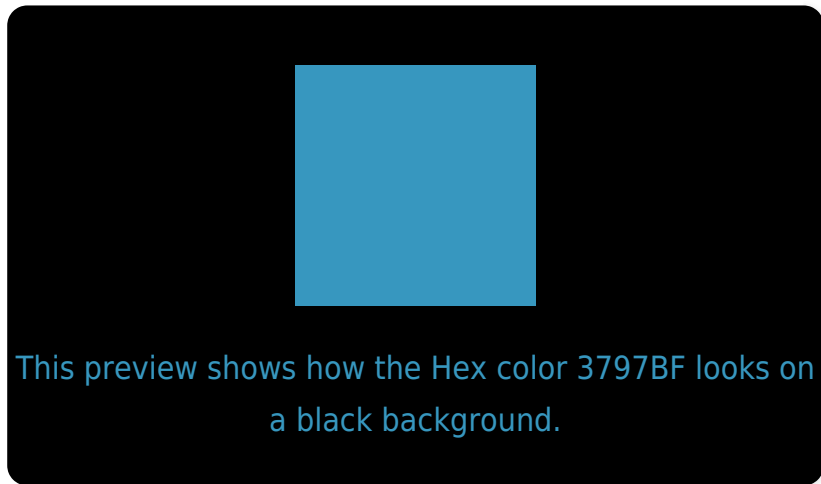
Large Text (above 18pt) WCAG AA ✓ Pass

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

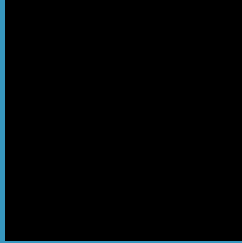
Any Text WCAG AA ✓ Pass

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 3797BF Background



This preview shows how black text looks on a background with the Hex color 3797BF.



This preview shows how white text looks on a background with the Hex color 3797BF.

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](#).

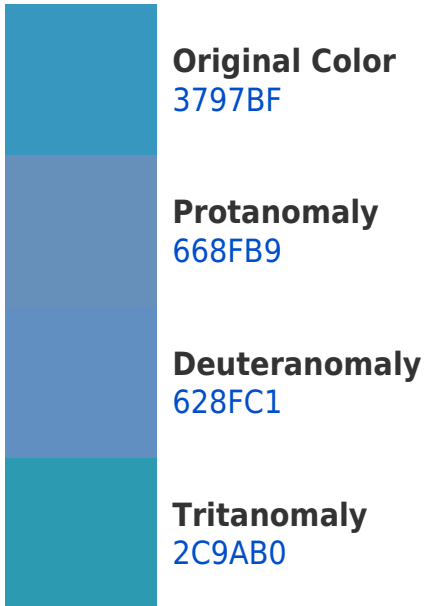
Dichromacy





Tritanopia
269BA8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3797BF 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 #3797BF looks like.

```
.text, #text, p{  
    color:#3797BF  
}
```

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 #3797BF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3797BF
}
```

Border

The CSS property to change the border of an element to Hex 3797BF 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
#3797BF }
```

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

```
.border{ border-color:#3797BF }
```

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

Here you see how a box with a 4 pixel #3797BF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3797BF; -webkit-box-shadow:4px 4px  
4px 4px #3797BF; box-shadow:4px 4px 4px  
4px #3797BF }
```

Background

The CSS property to change the background color of an element to Hex 3797BF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3797BF }
```

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

```
.background{ background-color:#3797BF }
```

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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