

Converting Colors

Hex(3795B1)

Have a look what the booklet for
Hex(3795B1) contains.

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Color

Hex(3795B1)

Conversions

Conversions Part 1

Format	Color
Hex	3795B1
RGB	55, 149, 177
RGB Percent	22%, 58%, 69%
CMY	0.7843, 0.4157, 0.3059
CMYK	0.69, 0.16, 0.00, 0.31
HSL	194°, 53%, 45%
HSV	194°, 69%, 69%
XYZ	20.2588, 25.4814, 45.4456
YIQ	124.0860, -65.0120, -11.2200

Conversions

Conversions Part 2

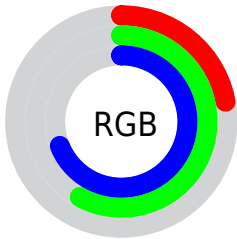
Format	Color
RYB	55, 108, 177
Decimal	3642801
CIELab	57.54, -18.32, -22.67
CIELCh	58, 29.145, 231.062
Yxy	25.4814, 0.2222, 0.2794
Android (android.graphics.Color)	4281832881 (0xFF3795B1)
YUV	124.0860, 26.0866, -60.5884
Hunter-Lab	50.4791, -16.7011, -18.0425

Details

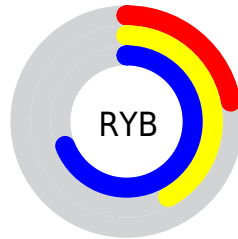
The Hex color **3795B1** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **B15337**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **75CBE9**, and **00627C** is the 20% darker color. If you saturate the color by 10%, you get **2591B1**, and if you desaturate by 10%, it is **4999B1**.

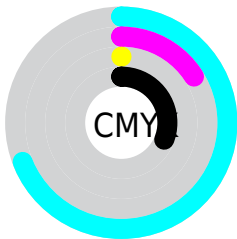
Distribution



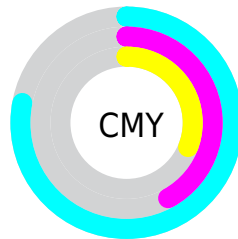
- Red (22%)
- Green (58%)
- Blue (69%)



- Red (22%)
- Yellow (42%)
- Blue (69%)



- Cyan (69%)
- Magenta (16%)
- Yellow (0%)
- Black (31%)



- Cyan (78%)
- Magenta (42%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3795B1 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 3795B1 by changing the saturation by 10% instead.

 3795B1

 3795B1

FFFFFF

 067B96

 75CBE9

 00627C

 92E7FF

 004A63

 AFFFFFF

 00334B

 CCFFFF

 001F34

 EAFFFF

 00021F

 000003

 000000

 3795B1

 3795B1

■ 2591B1

■ 4999B1

■ 148DB1

■ 5A9DB1

■ 0289B1

■ 6CA1B1

■ 0088B1

■ 7EA5B1

■ 8FA9B1

■ A1ADB1

■ B3B1B1

■ C5B5B1

■ D6BAB1

Harmonies

Analogous

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



32989C



3795B1



5B8FBC

Triad

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



3795B1



B77893



898E5A

Complementary

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



3795B1



B15337

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.



A28658



3795B1



BD7879

Square

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



3795B1



A37DAA



B57D64



6C9469

Rectangle

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



3795B1



7689BC



B57D64



928C58

Sweetspot

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



3795B1



B5DAE6



37B151



566C73



F2F2F2



737373

Same Dimension

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



3795B1



27BAE6



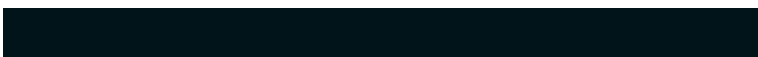
375AB1



505759



007699



00141A

Inverse Universe

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



B13795



E627BA



B18E37



595057



990076



1A0014

Previews

White Background



This preview shows how the Hex color 3795B1 looks on a white background.

Color Contrast Check

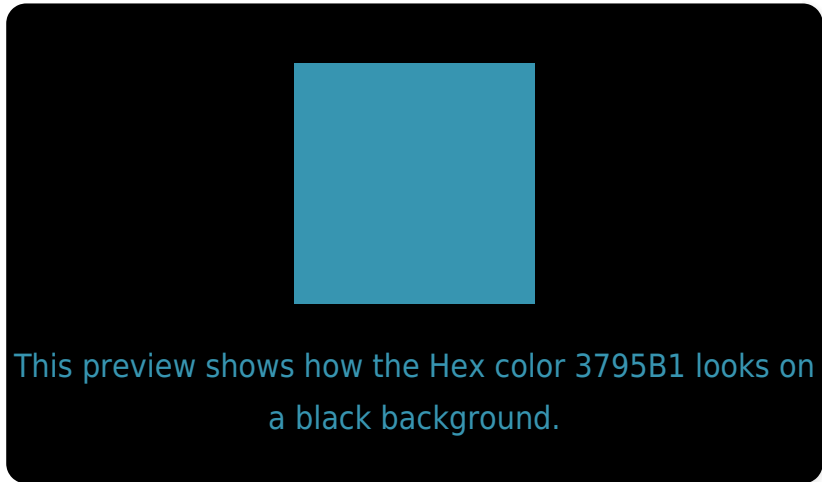
Large Text (above 18pt) WCAG AA ✓ Pass

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

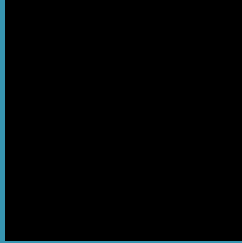
Any Text WCAG AA ✓ Pass

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 3795B1 Background



This preview shows how black text looks on a background with the Hex color 3795B1.

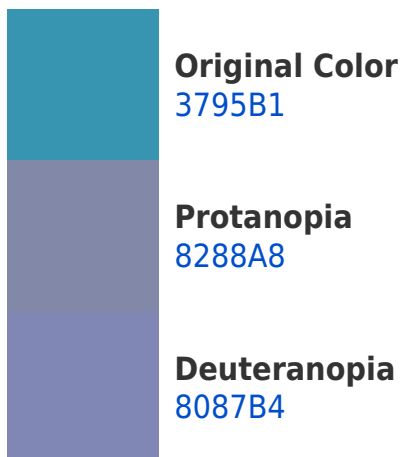


This preview shows how white text looks on a background with the Hex color 3795B1.

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](#).

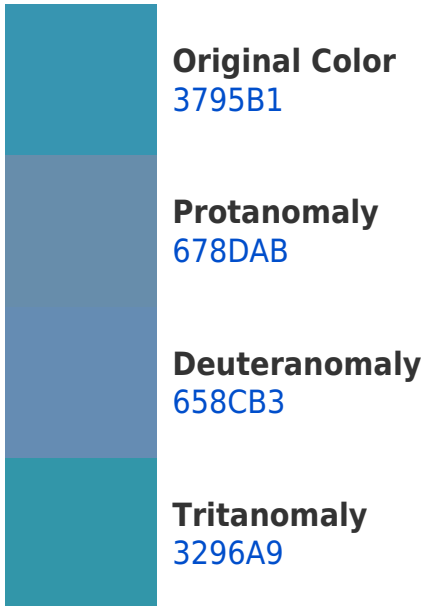
Dichromacy





Tritanopia
2F97A4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3795B1 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 #3795B1 looks like.

```
.text, #text, p{  
    color:#3795B1  
}
```

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 #3795B1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3795B1
}
```

Border

The CSS property to change the border of an element to Hex 3795B1 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
#3795B1 }
```

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

```
.border{ border-color:#3795B1 }
```

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

Here you see how a box with a 4 pixel #3795B1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3795B1; -webkit-box-shadow:4px 4px  
4px 4px #3795B1; box-shadow:4px 4px 4px  
4px #3795B1 }
```

Background

The CSS property to change the background color of an element to Hex 3795B1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3795B1 }
```

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

```
.background{ background-color:#3795B1 }
```

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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