

Converting Colors

Hex(4793B1)

Have a look what the booklet for
Hex(4793B1) contains.

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Color

Hex(4793B1)

Conversions

Conversions Part 1

Format	Color
Hex	4793B1
RGB	71, 147, 177
RGB Percent	28%, 58%, 69%
CMY	0.7216, 0.4235, 0.3059
CMYK	0.60, 0.17, 0.00, 0.31
HSL	197°, 43%, 49%
HSV	197°, 60%, 69%
XYZ	20.9681, 25.3814, 45.3889
YIQ	127.6960, -54.9260, -6.7820

Conversions

Conversions Part 2

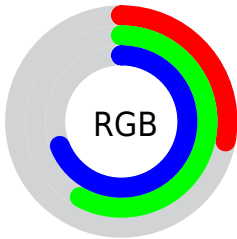
Format	Color
R _Y B	71, 115, 177
Decimal	4690865
CIE Lab	57.45, -14.46, -22.77
CIE LCh	57, 26.974, 237.594
Yxy	25.3814, 0.2286, 0.2767
Android (android.graphics.Color)	4282880945 (0xFF4793B1)
YUV	127.6960, 24.3069, -49.7224
Hunter-Lab	50.3799, -13.8733, -18.1504

Details

The Hex color **4793B1** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **B16547**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **80C9E9**, and **00607C** is the 20% darker color. If you saturate the color by 10%, you get **358EB1**, and if you desaturate by 10%, it is **5998B1**.

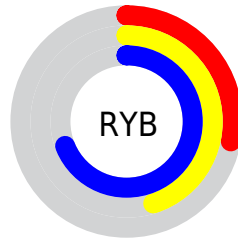
Distribution



Red (28%)

Green (58%)

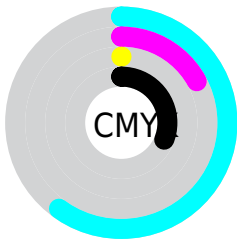
Blue (69%)



Red (28%)

Yellow (45%)

Blue (69%)

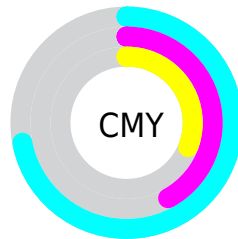


Cyan (60%)

Magenta (17%)

Yellow (0%)

Black (31%)



Cyan (72%)

Magenta (42%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4793B1 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 4793B1 by changing the saturation by 10% instead.

4793B1

4793B1

FFFFFF

277996

80C9E9

00607C

9DE5FF

004963

BAFFFF

00324B

D7FFFF

001E34

F4FFFF

00021F

000003

000000

4793B1

4793B1

■ 358EB1

■ 5998B1

■ 2489B1

■ 6A9DB1

■ 1284B1

■ 7CA2B1

■ 007FB1

■ 8EA7B1

■ A0ACB1

■ B1B1B1

■ C3B6B1

■ D5BBB1

■ E6C0B1

Harmonies

Analogous

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



3C969F



4793B1



688DB9

Triad

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



4793B1



B6788D



848F60

Complementary

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



4793B1



B16547

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.



9C885B



4793B1



B87A75

Square

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



4793B1



A67DA4



AF8063



689470

Rectangle

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



4793B1



7F87B7



AF8063



8C8D5D

Sweetspot

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



4793B1



BCDAE6



47B163



5A6C73



F2F2F2



737373

Same Dimension

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



4793B1



40B7E6



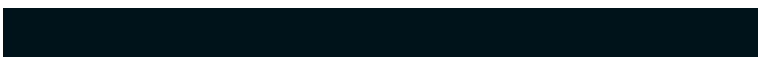
4760B1



505759



006E99



00121A

Inverse Universe

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



B14793



E640B7



B19847



595057



99006E



1A0012

Previews

White Background



This preview shows how the Hex color 4793B1 looks on a white background.

Color Contrast Check

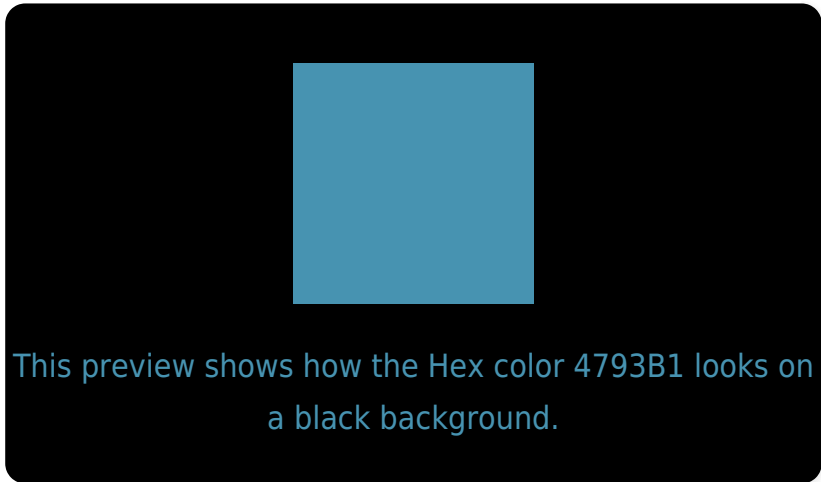
Large Text (above 18pt) WCAG AA ✓ Pass

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

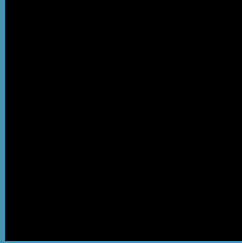
Any Text WCAG AA ✓ Pass

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 4793B1 Background



This preview shows how black text looks on a background with the Hex color 4793B1.

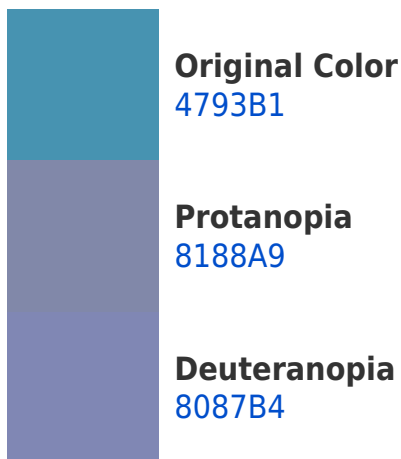


This preview shows how white text looks on a background with the Hex color 4793B1.

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](#).

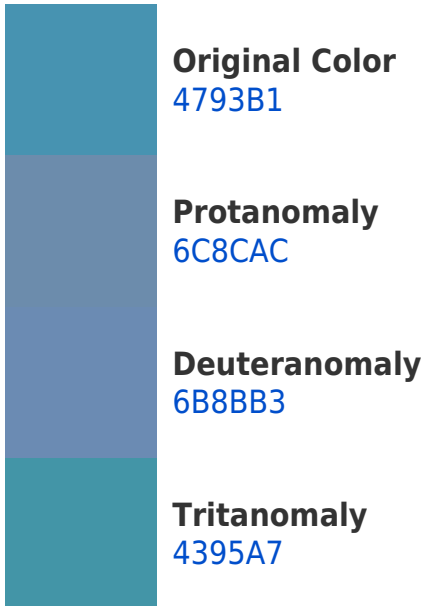
Dichromacy





Tritanopia
4096A2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4793B1 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 #4793B1 looks like.

```
.text, #text, p{  
    color:#4793B1  
}
```

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 #4793B1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4793B1
}
```

Border

The CSS property to change the border of an element to Hex 4793B1 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
#4793B1 }
```

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

```
.border{ border-color:#4793B1 }
```

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

Here you see how a box with a 4 pixel #4793B1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4793B1; -webkit-box-shadow:4px 4px  
4px 4px #4793B1; box-shadow:4px 4px 4px  
4px #4793B1 }
```

Background

The CSS property to change the background color of an element to Hex 4793B1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4793B1 }
```

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

```
.background{ background-color:#4793B1 }
```

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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