

Converting Colors

Hex(4797B7)

Have a look what the booklet for
Hex(4797B7) contains.

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Color

Hex(4797B7)

Conversions

Conversions Part 1

Format	Color
Hex	4797B7
RGB	71, 151, 183
RGB Percent	28%, 59%, 72%
CMY	0.7216, 0.4078, 0.2824
CMYK	0.61, 0.17, 0.00, 0.28
HSL	197°, 44%, 50%
HSV	197°, 61%, 72%
XYZ	22.2124, 26.8917, 48.8196
YIQ	130.7280, -57.9520, -7.0080

Conversions

Conversions Part 2

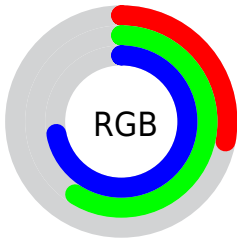
Format	Color
R_{YB}	71, 118, 183
Decimal	4691895
CIE _{Lab}	58.87, -14.75, -23.98
CIE _{LCh}	59, 28.157, 238.403
Yxy	26.8917, 0.2268, 0.2746
Android (android.graphics.Color)	4282881975 (0xFF4797B7)
YUV	130.7280, 25.7701, -52.3815
Hunter-Lab	51.8572, -14.2919, -19.5170

Details

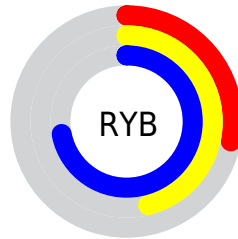
The Hex color **4797B7** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **B76747**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **81CDEF**, and **006482** is the 20% darker color. If you saturate the color by 10%, you get **3592B7**, and if you desaturate by 10%, it is **599CB7**.

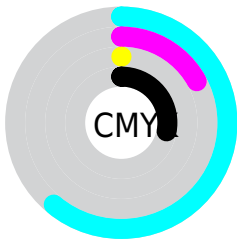
Distribution



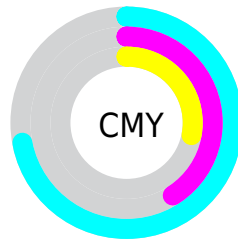
- Red (28%)
- Green (59%)
- Blue (72%)



- Red (28%)
- Yellow (46%)
- Blue (72%)



- Cyan (61%)
- Magenta (17%)
- Yellow (0%)
- Black (28%)



- Cyan (72%)
- Magenta (41%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4797B7 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 4797B7 by changing the saturation by 10% instead.

4797B7

4797B7

FFFFFF

267D9C

81CDEF

006482

9EE9FF

004C69

BBFFFF

003550

D8FFFF

002039

F6FFFF

000224

00000C

000000

4797B7

4797B7

■ 3592B7

■ 599CB7

■ 228DB7

■ 6CA1B7

■ 1087B7

■ 7EA7B7

■ 0083B7

■ 90ACB7

■ A3B1B7

■ B5B6B7

■ C7BCB7

■ D9C1B7

■ ECC6B7

Harmonies

Analogous

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



3A9BA4



4797B7



6A90BF

Triad

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



4797B7



BC7B90



869362

Complementary

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



4797B7



B76747

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.



A08C5C



4797B7



BE7D77

Square

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



4797B7



AC80A8



B48364



699973

Rectangle

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



4797B7



838BBC



B48364



8F915E

Sweetspot

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



4797B7



C2E1ED



47B767



5D7078



F7F7F7



787878

Same Dimension

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



4797B7



40BCED



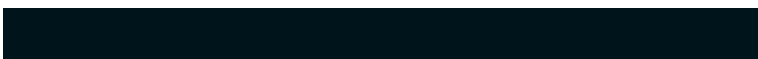
475FB7



53595C



006F9C



00141C

Inverse Universe

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



B74797



ED40BC



B79F47



5C5359



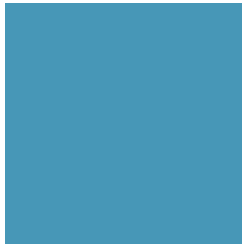
9C006F



1C0014

Previews

White Background



This preview shows how the Hex color 4797B7 looks on a white background.

Color Contrast Check

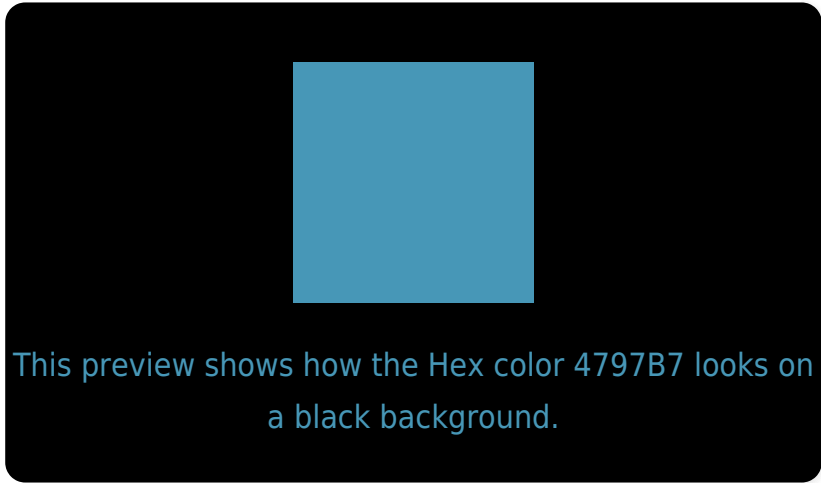
Large Text (above 18pt) WCAG AA ✓ Pass

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

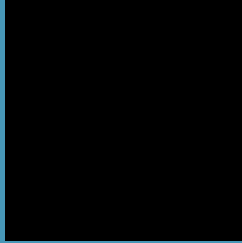
Any Text WCAG AA ✓ Pass

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 4797B7 Background



This preview shows how black text looks on a background with the Hex color 4797B7.

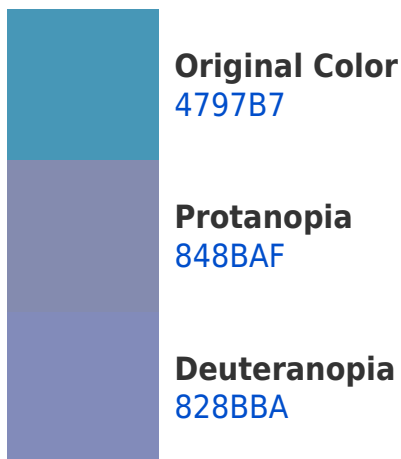


This preview shows how white text looks on a background with the Hex color 4797B7.

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](#).

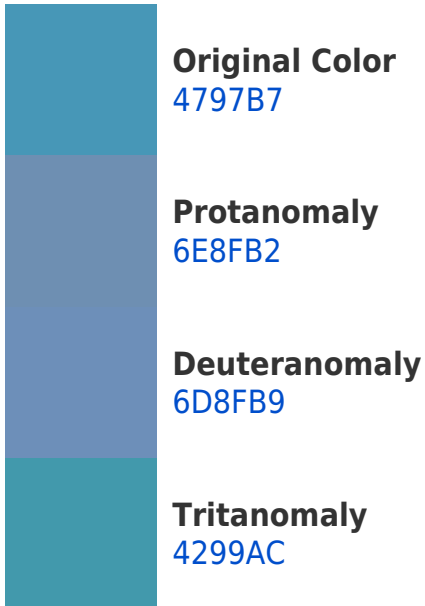
Dichromacy



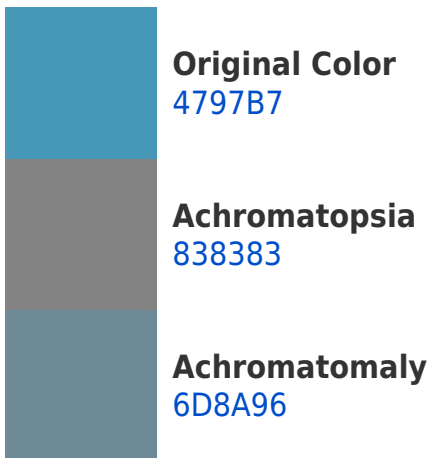


Tritanopia
3F9AA6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4797B7 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 #4797B7 looks like.

```
.text, #text, p{  
    color:#4797B7  
}
```

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 #4797B7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4797B7
}
```

Border

The CSS property to change the border of an element to Hex 4797B7 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
#4797B7 }
```

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

```
.border{ border-color:#4797B7 }
```

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

Here you see how a box with a 4 pixel #4797B7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4797B7; -webkit-box-shadow:4px 4px  
4px 4px #4797B7; box-shadow:4px 4px 4px  
4px #4797B7 }
```

Background

The CSS property to change the background color of an element to Hex 4797B7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4797B7 }
```

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

```
.background{ background-color:#4797B7 }
```

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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