

# Converting Colors

Hex(0497B2)

Have a look what the booklet for  
Hex(0497B2) contains.

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**Color**

**Hex(0497B2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0497B2
RGB	4, 151, 178
RGB Percent	2%, 59%, 70%
CMY	0.9843, 0.4078, 0.3020
CMYK	0.98, 0.15, 0.00, 0.30
HSL	189°, 96%, 36%
HSV	189°, 98%, 70%
XYZ	19.1526, 25.3734, 46.0076
YIQ	110.1250, -96.2790, -22.7670

# Conversions

## Conversions Part 2

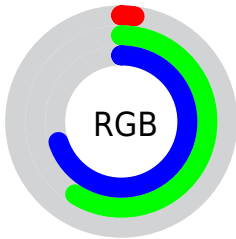
<b>Format</b>	<b>Color</b>
<b>RYB</b>	4, 84, 178
Decimal	300978
CIELab	57.44, -23.41, -23.46
CIELCh	57, 33.142, 225.069
Yxy	25.3734, 0.2116, 0.2803
Android (android.graphics.Color)	4278491058 (0xFF0497B2)
YUV	110.1250, 33.4624, -93.0716
Hunter-Lab	50.3720, -20.2813, -18.8925

# Details

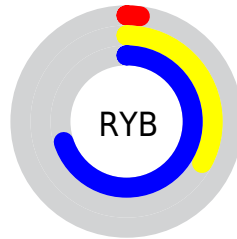
The Hex color **0497B2** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **B21F04**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **5FCDEA**, and **00647D** is the 20% darker color. If you saturate the color by 10%, you get **0096B2**, and if you desaturate by 10%, it is **169AB2**.

# Distribution



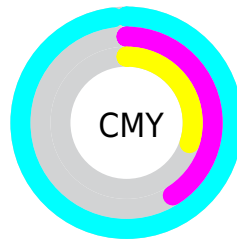
- Red (2%)
- Green (59%)
- Blue (70%)



- Red (2%)
- Yellow (33%)
- Blue (70%)



- Cyan (98%)
- Magenta (15%)
- Yellow (0%)
- Black (30%)



- Cyan (98%)
- Magenta (41%)
- Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0497B2 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 0497B2 by changing the saturation by 10% instead.





0497B2



0497B2

FFFFFF



007D97



5FCDEA



00647D



7EEAFF



004C64



9DFFFF



00354C



BBFFFF



002135



D9FFFF



000220



F7FFFF



000004



000000



0497B2



0497B2

■ 0096B2

■ 169AB2

■ 289DB2

■ 399FB2

■ 4BA2B2

■ 5DA5B2

■ 6FA8B2

■ 81AAB2

■ 92ADB2

■ A4B0B2

# Harmonies

## Analogous

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



199998



0497B2



4591C1

# Triad

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



0497B2



B9759A



8E8D51

# Complementary

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



0497B2



B21F04

# 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.



A98352



0497B2



C2747C

# Square

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



0497B2



A07DB3



BC7962



6E9460

# Rectangle

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



0497B2



688BC3



BC7962



988A50



# Sweetspot

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



0497B2



A5DEE8



04B21E



4C6F75



F5F5F5



757575



# Same Dimension

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



0497B2



00C4E8



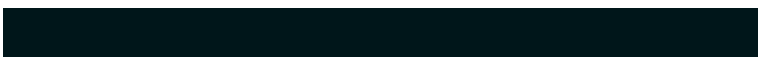
0441B2



505859



008199



00161A



# Inverse Universe

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



B20497



E800C4



B27504



595058



990081



1A0016



# Previews

## White Background



This preview shows how the Hex color 0497B2 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



This preview shows how the Hex color 0497B2 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

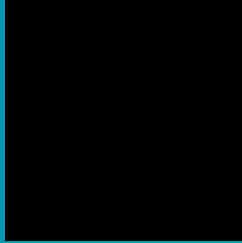
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 0497B2 Background



This preview shows how black text looks on a background with the Hex color 0497B2.

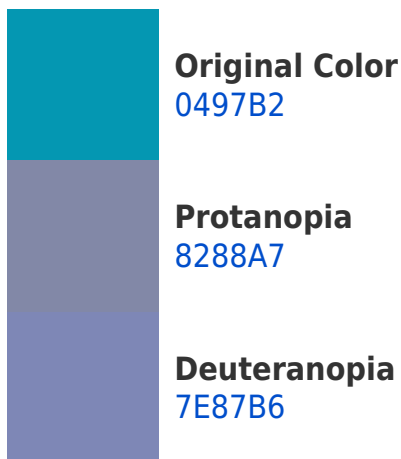


This preview shows how white text looks on a background with the Hex color 0497B2.

# 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



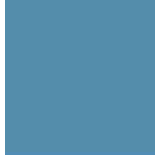


**Tritanopia**  
0099A5

# Trichromacy



**Original Color**  
0497B2



**Protanomaly**  
548DAB



**Deuteranomaly**  
528DB5



**Tritanomaly**  
0198AA

# Monochromacy



**Original Color**  
0497B2



**Achromatopsia**  
6E6E6E



**Achromatomaly**  
477D87

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0497B2 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 #0497B2 looks like.

```
.text, #text, p{  
    color:#0497B2  
}
```

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 #0497B2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0497B2
}
```

## Border

The CSS property to change the border of an element to Hex 0497B2 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
#0497B2 }
```

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

```
.border{ border-color:#0497B2 }
```

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

Here you see how a box with a 4 pixel #0497B2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0497B2; -webkit-box-shadow:4px 4px  
4px 4px #0497B2; box-shadow:4px 4px 4px  
4px #0497B2 }
```

# Background

The CSS property to change the background color of an element to Hex 0497B2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0497B2 }
```

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

```
.background{ background-color:#0497B2 }
```

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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