

Converting Colors

Hex(497F94)

Have a look what the booklet for
Hex(497F94) contains.

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Color

Hex(497F94)

Conversions

Conversions Part 1

Format	Color
Hex	497F94
RGB	73, 127, 148
RGB Percent	29%, 50%, 58%
CMY	0.7137, 0.5020, 0.4196
CMYK	0.51, 0.14, 0.00, 0.42
HSL	197°, 34%, 43%
HSV	197°, 51%, 58%
XYZ	15.6823, 18.7333, 30.8063
YIQ	113.2480, -38.9250, -4.9170

Conversions

Conversions Part 2

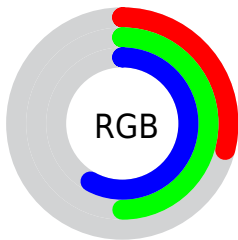
Format	Color
R_{YB}	73, 104, 148
Decimal	4816788
CIE _{Lab}	50.37, -11.86, -16.86
CIE _{LCh}	50, 20.611, 234.885
Yxy	18.7333, 0.2404, 0.2872
Android (android.graphics.Color)	4283006868 (0xFF497F94)
YUV	113.2480, 17.1327, -35.2975
Hunter-Lab	43.2820, -11.0678, -11.9027

Details

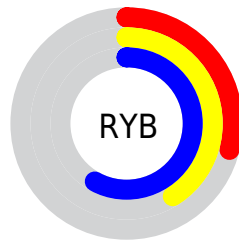
The Hex color **497F94** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **945E49**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **7EB4CA**, and **0D4E61** is the 20% darker color. If you saturate the color by 10%, you get **3A7B94**, and if you desaturate by 10%, it is **588394**.

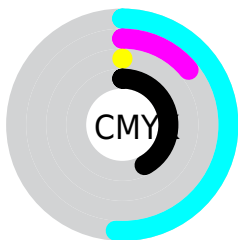
Distribution



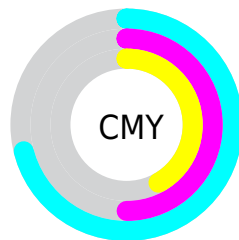
- Red (29%)
- Green (50%)
- Blue (58%)



- Red (29%)
- Yellow (41%)
- Blue (58%)



- Cyan (51%)
- Magenta (14%)
- Yellow (0%)
- Black (42%)



- Cyan (71%)
- Magenta (50%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 497F94 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 497F94 by changing the saturation by 10% instead.

■ 497F94

■ 497F94

FFFFFF

■ 2E667A

■ 7EB4CA

■ 0D4E61

■ 9ACFE6

■ 003749

■ B6ECFF

■ 002233

■ D2FFFF

■ 00041E

■ EFFFFFF

■ 000001

■ 000000

■ 497F94

■ 497F94

■ 3A7B94

■ 588394

■ 2B7794

■ 678794

■ 1D7394

■ 758B94

■ 0E6E94

■ 849094

■ 006B94

■ 939494

■ A29894

■ B19C94

■ BFA094

■ CEA494

Harmonies

Analogous

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



438186



497F94



5E7A9A

Triad

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



497F94



986B7C



757B58

Complementary

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



497F94



945E49

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.



877655



497F94



9B6C6A

Square

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



497F94



8C6F8C



95705C



617F63

Rectangle

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



497F94



6E779A



95705C



7C7A56

Sweetspot

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



497F94



A3B7BF



49945D



4F5C61



E0E0E0



616161

Same Dimension

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



497F94



4B9FBF



495A94



43484A



00638A



00070A

Inverse Universe

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



94497F



BF4B9F



948349



4A4348



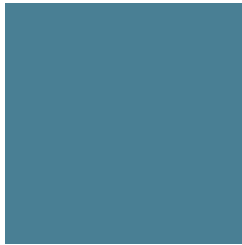
8A0063



0A0007

Previews

White Background



This preview shows how the Hex color 497F94 looks on a white background.

Color Contrast Check

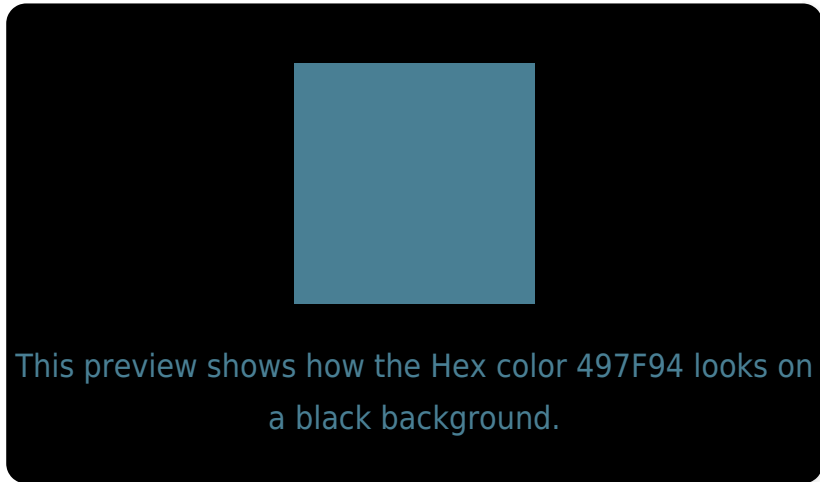
Large Text (above 18pt) WCAG AA ✓ Pass

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

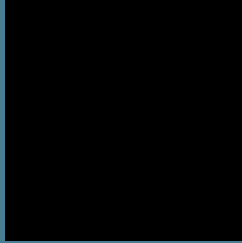
Any Text WCAG AA ✓ Pass

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 497F94 Background



This preview shows how black text looks on a background with the Hex color 497F94.

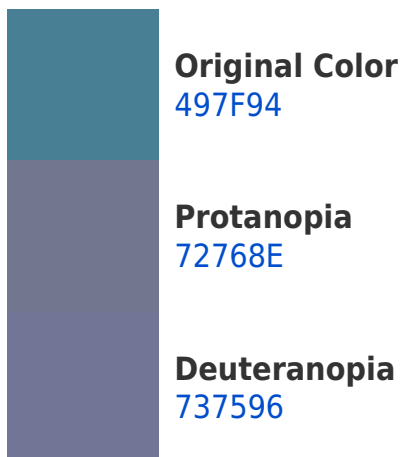


This preview shows how white text looks on a background with the Hex color 497F94.

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](#).

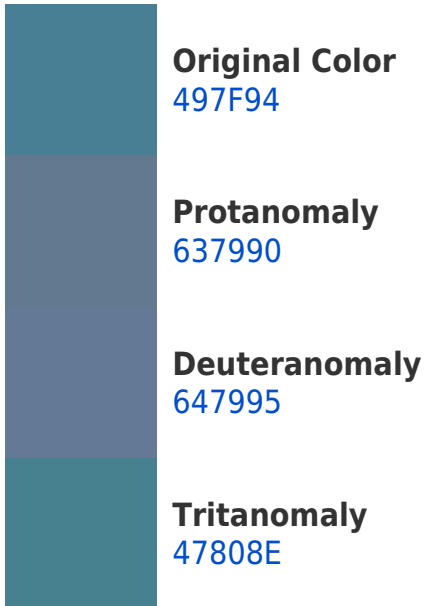
Dichromacy





Tritanopia
46818B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 497F94 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 #497F94 looks like.

```
.text, #text, p{  
    color:#497F94  
}
```

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 #497F94 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #497F94
}
```

Border

The CSS property to change the border of an element to Hex 497F94 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
#497F94 }
```

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

```
.border{ border-color:#497F94 }
```

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

Here you see how a box with a 4 pixel #497F94 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #497F94; -webkit-box-shadow:4px 4px  
4px 4px #497F94; box-shadow:4px 4px 4px  
4px #497F94 }
```

Background

The CSS property to change the background color of an element to Hex 497F94 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#497F94 }
```

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

```
.background{ background-color:#497F94 }
```

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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