

Converting Colors

Hex(497E91)

Have a look what the booklet for
Hex(497E91) contains.

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Color

Hex(497E91)

Conversions

Conversions Part 1

Format	Color
Hex	497E91
RGB	73, 126, 145
RGB Percent	29%, 49%, 57%
CMY	0.7137, 0.5059, 0.4314
CMYK	0.50, 0.13, 0.00, 0.43
HSL	196°, 33%, 43%
HSV	196°, 50%, 57%
XYZ	15.3193, 18.3825, 29.5288
YIQ	112.3190, -37.6870, -5.3270

Conversions

Conversions Part 2

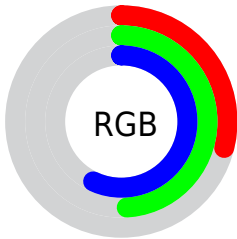
Format	Color
R_{YB}	73, 104, 145
Decimal	4816529
CIE _{Lab}	49.96, -12.19, -15.74
CIE _{LCh}	50, 19.908, 232.238
Yxy	18.3825, 0.2423, 0.2907
Android (android.graphics.Color)	4283006609 (0xFF497E91)
YUV	112.3190, 16.1117, -34.4828
Hunter-Lab	42.8748, -11.2522, -10.8219

Details

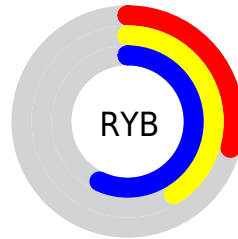
The Hex color **497E91** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **915C49**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **7EB3C7**, and **0E4D5F** is the 20% darker color. If you saturate the color by 10%, you get **3B7A91**, and if you desaturate by 10%, it is **588291**.

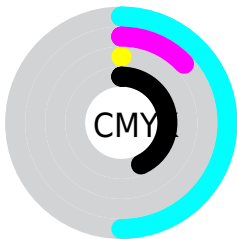
Distribution



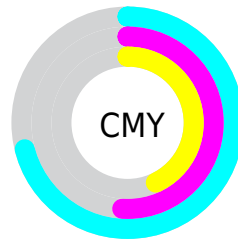
- Red (29%)
- Green (49%)
- Blue (57%)



- Red (29%)
- Yellow (41%)
- Blue (57%)



- Cyan (50%)
- Magenta (13%)
- Yellow (0%)
- Black (43%)



- Cyan (71%)
- Magenta (51%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 497E91 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 497E91 by changing the saturation by 10% instead.

497E91

497E91

FFFFFF

2E6577

7EB3C7

0E4D5F

99CEE3

003647

B5EAFF

002130

D1FFFF

00021C

EEFFFF

000000

497E91

497E91

3B7A91

588291

2C7691

668691

■ 1D7391

■ 748991

■ 0F6F91

■ 838D91

■ 006B91

■ 929191

■ A09591

■ AF9991

■ BD9D91

■ CBA091

Harmonies

Analogous

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



458083



497E91



5C7A98

Triad

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



497E91



966B7C



767A57

Complementary

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



497E91



915C49

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.



877456



497E91



996B6B

Square

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



497E91



886E8C



946F5D



637E62

Rectangle

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



497E91



6C7698



946F5D



7C7856

Sweetspot

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



497E91



A0B5BD



49915B



4D5A5E



DEDEDE



5E5E5E

Same Dimension

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



497E91



4B9FBD



495B91



404647



006387



000608

Inverse Universe

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



91497E



BD4B9F



917F49



474046



870063



080006

Previews

White Background



This preview shows how the Hex color 497E91 looks on a white background.

Color Contrast Check

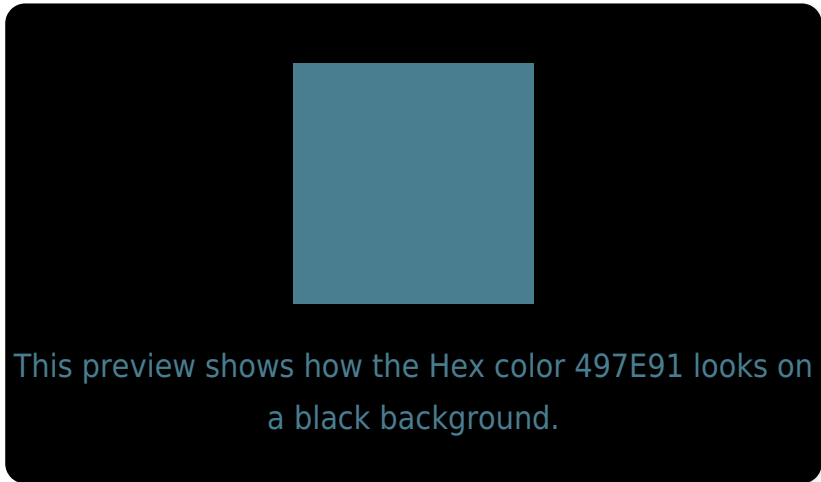
Large Text (above 18pt) WCAG AA ✓ Pass

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

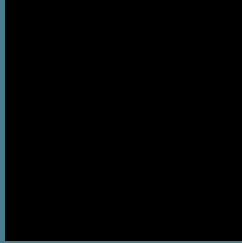
Any Text WCAG AA ✓ Pass

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 497E91 Background



This preview shows how black text looks on a background with the Hex color 497E91.

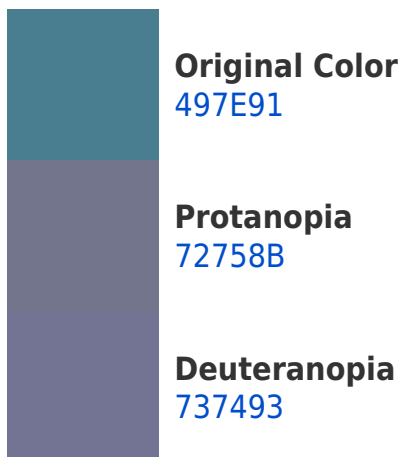


This preview shows how white text looks on a background with the Hex color 497E91.

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](#).

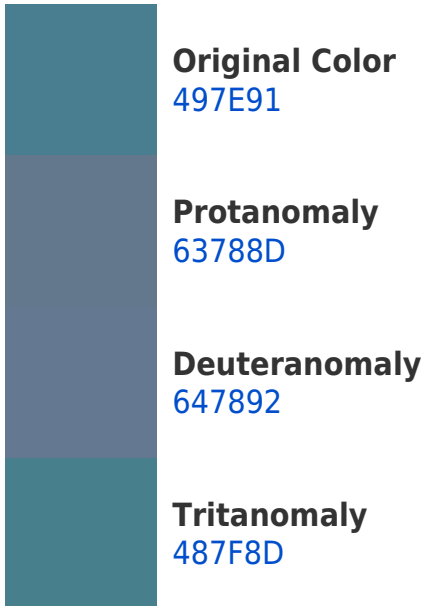
Dichromacy





Tritanopia
477F8A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 497E91 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 #497E91 looks like.

```
.text, #text, p{  
    color:#497E91  
}
```

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 #497E91 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #497E91
}
```

Border

The CSS property to change the border of an element to Hex 497E91 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
#497E91 }
```

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

```
.border{ border-color:#497E91 }
```

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

Here you see how a box with a 4 pixel #497E91 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #497E91; -webkit-box-shadow:4px 4px  
4px 4px #497E91; box-shadow:4px 4px 4px  
4px #497E91 }
```

Background

The CSS property to change the background color of an element to Hex 497E91 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#497E91 }
```

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

```
.background{ background-color:#497E91 }
```

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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