

Converting Colors

Hex(497986)

Have a look what the booklet for
Hex(497986) contains.

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Color

Hex(497986)

Conversions

Conversions Part 1

Format	Color
Hex	497986
RGB	73, 121, 134
RGB Percent	29%, 47%, 53%
CMY	0.7137, 0.5255, 0.4745
CMYK	0.46, 0.10, 0.00, 0.47
HSL	193°, 29%, 41%
HSV	193°, 46%, 53%
XYZ	13.8881, 16.8124, 25.0674
YIQ	108.1300, -32.7810, -6.1330

Conversions

Conversions Part 2

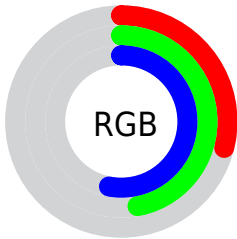
Format	Color
R_{YB}	73, 100, 134
Decimal	4815238
CIE _{Lab}	48.02, -12.61, -12.19
CIE _{LCh}	48, 17.540, 224.045
Yxy	16.8124, 0.2490, 0.3015
Android (android.graphics.Color)	4283005318 (0xFF497986)
YUV	108.1300, 12.7539, -30.8090
Hunter-Lab	41.0030, -11.2955, -7.5452

Details

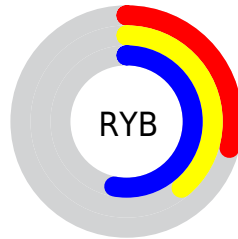
The Hex color **497986** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **865649**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **7DADBB**, and **134854** is the 20% darker color. If you saturate the color by 10%, you get **3C7686**, and if you desaturate by 10%, it is **567C86**.

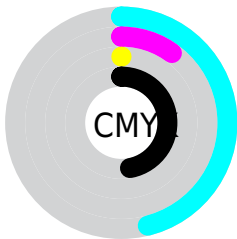
Distribution



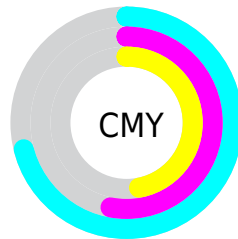
- Red (29%)
- Green (47%)
- Blue (53%)



- Red (29%)
- Yellow (39%)
- Blue (53%)



- Cyan (46%)
- Magenta (10%)
- Yellow (0%)
- Black (47%)



- Cyan (71%)
- Magenta (53%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 497986 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 497986 by changing the saturation by 10% instead.

 497986

 497986

FFFFFF

 2F606D

 7DADBB

 134854

 98C9D7

 00323D

 B3E5F3

 001D27

 D0FFFF

 000113

 ECFFFF

 000000

 497986

 497986

 3C7686

 567C86

 2E7386

 647F86

■ 217086

■ 718286

■ 136E86

■ 7F8486

■ 066B86

■ 8C8786

■ 006986

■ 998A86

■ A78D86

■ B49086

■ C29386

Harmonies

Analogous

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



497A79



497986



56768E

Triad

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



497986



8B687A



767355

Complementary

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



497986



865649

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.



846E56



497986



90676B

Square

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



497986



7D6C87



8E6A5E



65775C

Rectangle

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



497986



63738F



8E6A5E



7B7255

Sweetspot

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



497986



95A8AD



498655



485457



D6D6D6



575757

Same Dimension

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



497986



4E99AD



495B86



3C4142



006682



000203

Inverse Universe

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



864979



AD4E99



867449



423C41



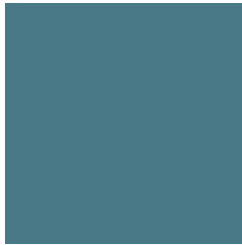
820066



030002

Previews

White Background



This preview shows how the Hex color 497986 looks on a white background.

Color Contrast Check

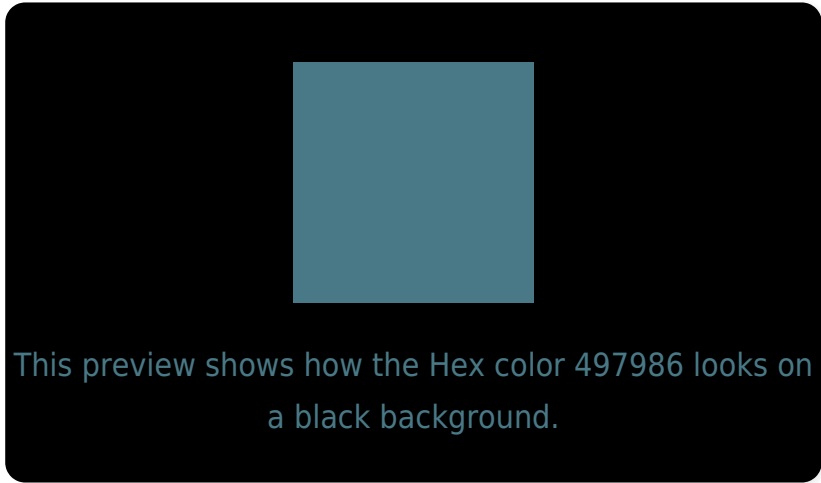
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

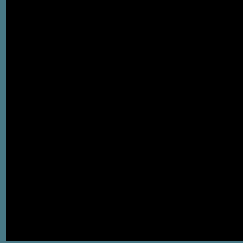
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

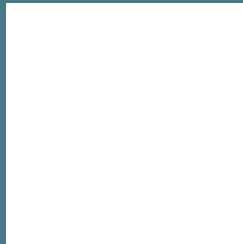
Any Text WCAG AAA × Fail

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

Hex 497986 Background



This preview shows how black text looks on a background with the Hex color 497986.

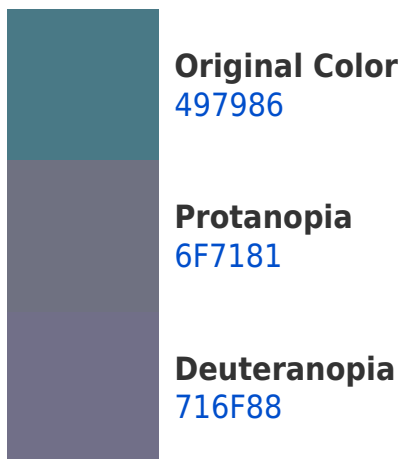


This preview shows how white text looks on a background with the Hex color 497986.

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](#).

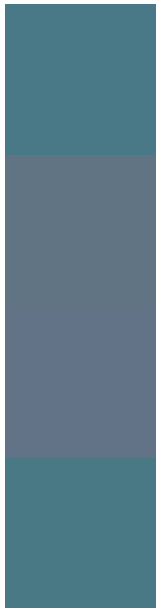
Dichromacy





Tritanopia
487983

Trichromacy



Original Color
497986

Protanomaly
617483

Deuteranomaly
627387

Tritanomaly
487984

Monochromacy



Original Color
497986

Achromatopsia
6C6C6C

Achromatomaly
5F7175

CSS Examples

Text

The CSS property to change the color of the text to Hex 497986 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 #497986 looks like.

```
.text, #text, p{  
    color:#497986  
}
```

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 #497986 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #497986
}
```

Border

The CSS property to change the border of an element to Hex 497986 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
#497986 }
```

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

```
.border{ border-color:#497986 }
```

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

Here you see how a box with a 4 pixel #497986 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #497986; -webkit-box-shadow:4px 4px  
4px 4px #497986; box-shadow:4px 4px 4px  
4px #497986 }
```

Background

The CSS property to change the background color of an element to Hex 497986 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#497986 }
```

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

```
.background{ background-color:#497986 }
```

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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