

Converting Colors

Hex(498495)

Have a look what the booklet for
Hex(498495) contains.

Hex(498495)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(498495)

Conversions

Conversions Part 1

Format	Color
Hex	498495
RGB	73, 132, 149
RGB Percent	29%, 52%, 58%
CMY	0.7137, 0.4824, 0.4157
CMYK	0.51, 0.11, 0.00, 0.42
HSL	193°, 34%, 44%
HSV	193°, 51%, 58%
XYZ	16.4237, 20.0889, 31.4457
YIQ	116.2970, -40.6210, -7.2210

Conversions

Conversions Part 2

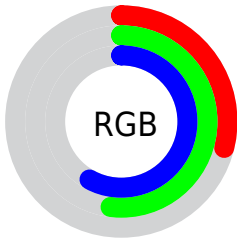
Format	Color
R_{YB}	73, 106, 149
Decimal	4818069
CIE _{Lab}	51.94, -14.34, -15.07
CIE _{LCh}	52, 20.800, 226.411
Yxy	20.0889, 0.2417, 0.2956
Android (android.graphics.Color)	4283008149 (0xFF498495)
YUV	116.2970, 16.1226, -37.9715
Hunter-Lab	44.8207, -13.0280, -10.2228

Details

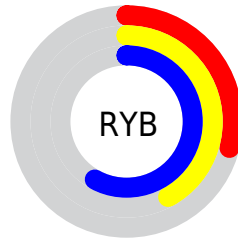
The Hex color **498495** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **955A49**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **7FB9CB**, and **0B5262** is the 20% darker color. If you saturate the color by 10%, you get **3A8195**, and if you desaturate by 10%, it is **588795**.

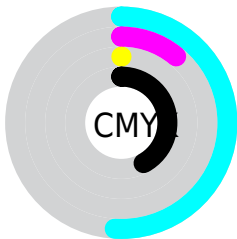
Distribution



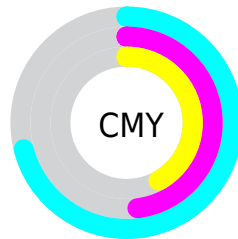
- Red (29%)
- Green (52%)
- Blue (58%)



- Red (29%)
- Yellow (42%)
- Blue (58%)



- Cyan (51%)
- Magenta (11%)
- Yellow (0%)
- Black (42%)



- Cyan (71%)
- Magenta (48%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 498495 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 498495 by changing the saturation by 10% instead.

498495

498495

FFFFFF

2D6B7B

7FB9CB

0B5262

9AD5E7

003B4A

B6F1FF

002534

D3FFFF

000E1F

F0FFFF

000003

000000

498495

498495

3A8195

588795

■ 2B7D95

■ 678B95

■ 1C7A95

■ 768E95

■ 0D7795

■ 859195

■ 007495

■ 949595

■ A29895

■ B19B95

■ C09F95

■ CFA295

Harmonies

Analogous

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



488685



498495



5B809E

Triad

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



498495



9A7085



7F7E59

Complementary

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



498495



955A49

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.



90785A



498495



A06F73

Square

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



498495



8B7494



9C7263



6A8263

Rectangle

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



498495



6B7C9F



9C7263



857C58

Sweetspot

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



498495



A5BBC2



499559



4F5D61



E0E0E0



616161

Same Dimension

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



498495



4CA7C2



495F95



43484A



006B8A



00080A

Inverse Universe

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



954984



C24CA7



957F49



4A4348



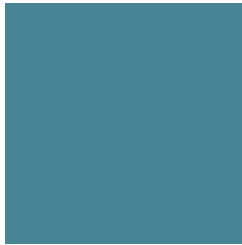
8A006B



0A0008

Previews

White Background



This preview shows how the Hex color 498495 looks on a white background.

Color Contrast Check

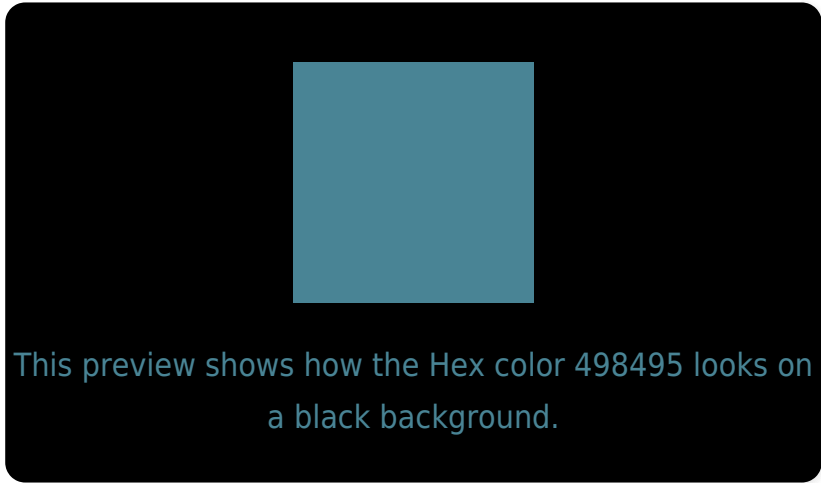
Large Text (above 18pt) WCAG AA ✓ Pass

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

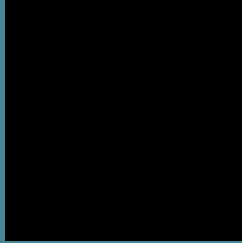
Any Text WCAG AA ✓ Pass

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 498495 Background



This preview shows how black text looks on a background with the Hex color 498495.

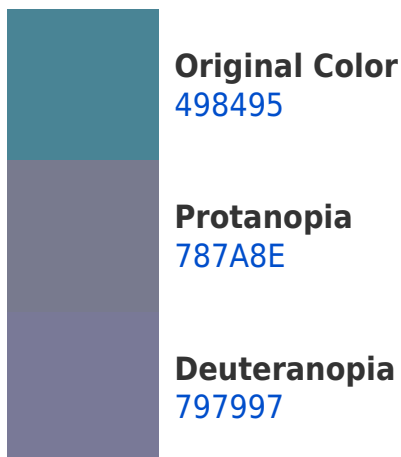


This preview shows how white text looks on a background with the Hex color 498495.

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
478590

Trichromacy



Original Color
498495

Protanomaly
677E91

Deuteranomaly
687D96

Tritanomaly
488592

Monochromacy



Original Color
498495

Achromatopsia
747474

Achromatomaly
647A80

CSS Examples

Text

The CSS property to change the color of the text to Hex 498495 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 #498495 looks like.

```
.text, #text, p{  
    color:#498495  
}
```

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 #498495 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #498495
}
```

Border

The CSS property to change the border of an element to Hex 498495 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
#498495 }
```

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

```
.border{ border-color:#498495 }
```

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

Here you see how a box with a 4 pixel #498495 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #498495; -webkit-box-shadow:4px 4px  
4px 4px #498495; box-shadow:4px 4px 4px  
4px #498495 }
```

Background

The CSS property to change the background color of an element to Hex 498495 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#498495 }
```

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

```
.background{ background-color:#498495 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor