

# Converting Colors

Hex(498575)

Have a look what the booklet for  
Hex(498575) contains.

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# Color

**Hex(498575)**

# Conversions

## Conversions Part 1

Format	Color
Hex	498575
RGB	73, 133, 117
RGB Percent	29%, 52%, 46%
CMY	0.7137, 0.4784, 0.5412
CMYK	0.45, 0.00, 0.12, 0.48
HSL	164°, 29%, 40%
HSV	164°, 45%, 52%
XYZ	14.3461, 19.4759, 19.8327
YIQ	113.2360, -30.6240, -17.6960

# Conversions

## Conversions Part 2

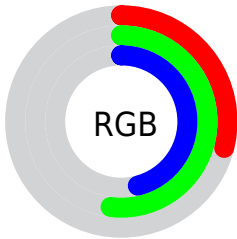
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	73, 108, 133
Decimal	4818293
CIE <sub>Lab</sub>	51.24, -23.61, 2.56
CIE <sub>LCh</sub>	51, 23.747, 173.815
Yxy	19.4759, 0.2674, 0.3630
Android (android.graphics.Color)	4283008373 (0xFF498575)
YUV	113.2360, 1.8557, -35.2870
Hunter-Lab	44.1315, -19.2041, 4.2471

# Details

The Hex color **498575** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **854959**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **7DBAA9**, and **135345** is the 20% darker color. If you saturate the color by 10%, you get **3C8571**, and if you desaturate by 10%, it is **568579**.

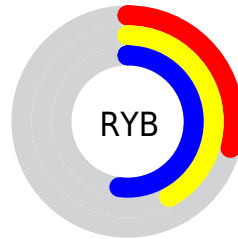
# Distribution



Red (29%)

Green (52%)

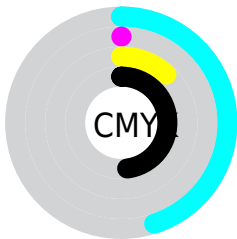
Blue (46%)



Red (29%)

Yellow (42%)

Blue (52%)

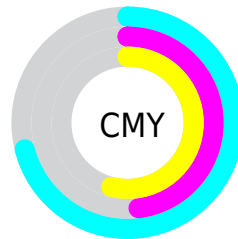


Cyan (45%)

Magenta (0%)

Yellow (12%)

Black (48%)



Cyan (71%)

Magenta (48%)

Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 498575 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 498575 by changing the saturation by 10% instead.





498575



498575

FFFFFF



2F6C5C



7DBAA9



135345



98D6C4



003C2F



B3F3E0



00251A



D0FFFD



000800



ECFFFF



000000



498575



498575



3C8571



568579



2E856E



64857C

■ 21856A

■ 718580

■ 148567

■ 7E8583

■ 068563

■ 8C8587

■ 008562

■ 99858A

■ A6858E

■ B38591

■ C18595

# Harmonies

## Analogous

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



608362



498575



39858A

# Triad

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



498575



77769F



9C715A

# Complementary

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



498575



854959

# 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.



A36C6B



498575



906F92

# Square

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



498575



597DA2



9F6B7F



8C7752

# Rectangle

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



498575



3A8495



9F6B7F



9F6F5F



# Sweetspot

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



498575



95ADA7



598549



485753



D6D6D6



575757



# Same Dimension

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



498575



50AD94



497785



3C4241



00825F



000302



# Inverse Universe

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



854959



AD5069



855749



423C3D



820023



030001



# Previews

## White Background



This preview shows how the Hex color 498575 looks on a white background.

## Color Contrast Check

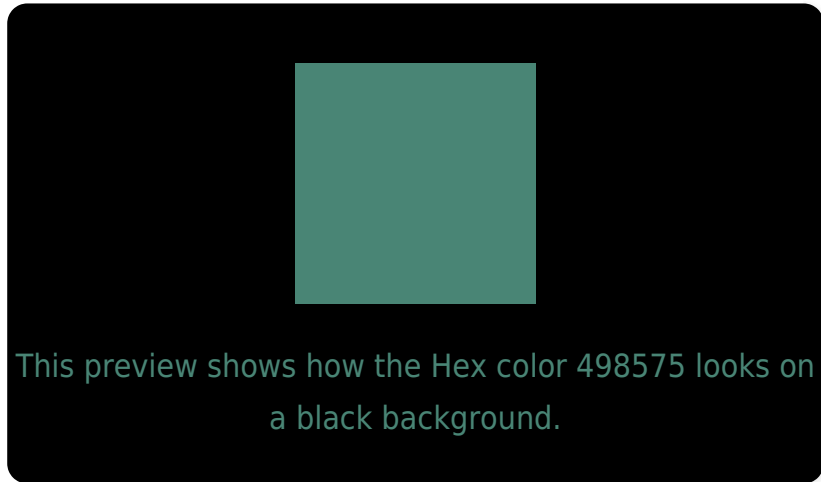
Large Text (above 18pt) WCAG AA ✓ Pass

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

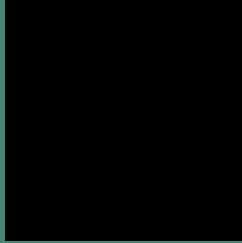
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 498575 Background



This preview shows how black text looks on a background with the Hex color 498575.

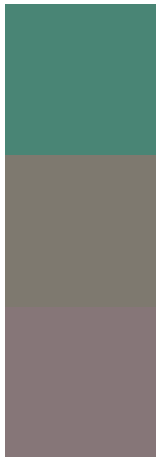


This preview shows how white text looks on a background with the Hex color 498575.

# 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



**Original Color**  
498575

**Protanopia**  
7E796F

**Deuteranopia**  
867678



**Tritanopia**  
4F828C

# Trichromacy



**Original Color**  
498575

**Protanomaly**  
6B7D71

**Deuteranomaly**  
707B77

**Tritanomaly**  
4D8384

# Monochromacy



**Original Color**  
498575

**Achromatopsia**  
717171

**Achromatomaly**  
627872

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 498575 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 #498575 looks like.

```
.text, #text, p{  
    color:#498575  
}
```

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 #498575 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #498575
}
```

## Border

The CSS property to change the border of an element to Hex 498575 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
#498575 }
```

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

```
.border{ border-color:#498575 }
```

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

Here you see how a box with a 4 pixel #498575 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #498575; -webkit-box-shadow:4px 4px  
4px 4px #498575; box-shadow:4px 4px 4px  
4px #498575 }
```

# Background

The CSS property to change the background color of an element to Hex 498575 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#498575 }
```

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

```
.background{ background-color:#498575 }
```

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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