

Converting Colors

Hex(498248)

Have a look what the booklet for
Hex(498248) contains.

Hex(498248)	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(498248)

Conversions

Conversions Part 1

Format	Color
Hex	498248
RGB	73, 130, 72
RGB Percent	29%, 51%, 28%
CMY	0.7137, 0.4902, 0.7176
CMYK	0.44, 0.00, 0.45, 0.49
HSL	119°, 29%, 40%
HSV	119°, 45%, 51%
XYZ	11.9000, 17.8496, 8.9490
YIQ	106.3450, -15.3540, -30.1220

Conversions

Conversions Part 2

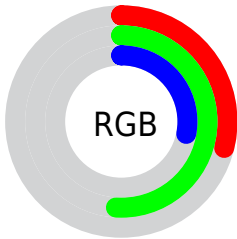
Format	Color
R_{YB}	72, 130, 129
Decimal	4817480
CIE Lab	49.31, -31.39, 25.65
CIE LCh	49, 40.537, 140.742
Yxy	17.8496, 0.3075, 0.4612
Android (android.graphics.Color)	4283007560 (0xFF498248)
YUV	106.3450, -16.9321, -29.2436
Hunter-Lab	42.2488, -23.6583, 17.0155

Details

The Hex color **498248** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **814882**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **7DB779**, and **14501A** is the 20% darker color. If you saturate the color by 10%, you get **3C823B**, and if you desaturate by 10%, it is **568255**.

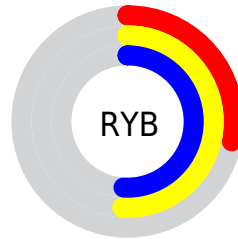
Distribution



Red (29%)

Green (51%)

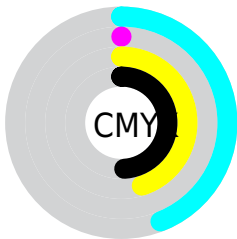
Blue (28%)



Red (28%)

Yellow (51%)

Blue (51%)

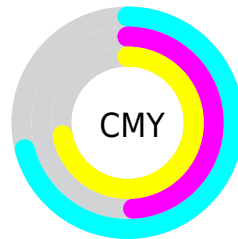


Cyan (44%)

Magenta (0%)

Yellow (45%)

Black (49%)



Cyan (71%)

Magenta (49%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 498248 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 498248 by changing the saturation by 10% instead.

 498248

 498248

FFFFFF

 306931

 7DB779

 14501A

 98D393

 003802

 B3F0AE

 002400

 CFFPCA

 000000

 ECFE6

 498248

 498248

 3C823B

 568255

 2F822E

 638262

 238221

 6F826F

 168214

 7C827C

 098207

 898289

 028200

 968296

 A282A3

 AF82B0

 BC82BD

Harmonies

Analogous

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



727B32



498248



008669

Triad

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



498248



007CB9



B5595F

Complementary

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



498248



814882

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.



AF5981



498248



6670B6

Square

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



498248



0083AA



9563A1



AA6341

Rectangle

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



498248



008781



9563A1



B5586A

Sweetspot

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



498248



93A892



828048



475447



D4D4D4



545454

Same Dimension

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



498248



4FA84D



488263



394039



028000



000000

Inverse Universe

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



814882



A74DA8



824867



403940



7D0080



000000

Previews

White Background



This preview shows how the Hex color 498248 looks on a white background.

Color Contrast Check

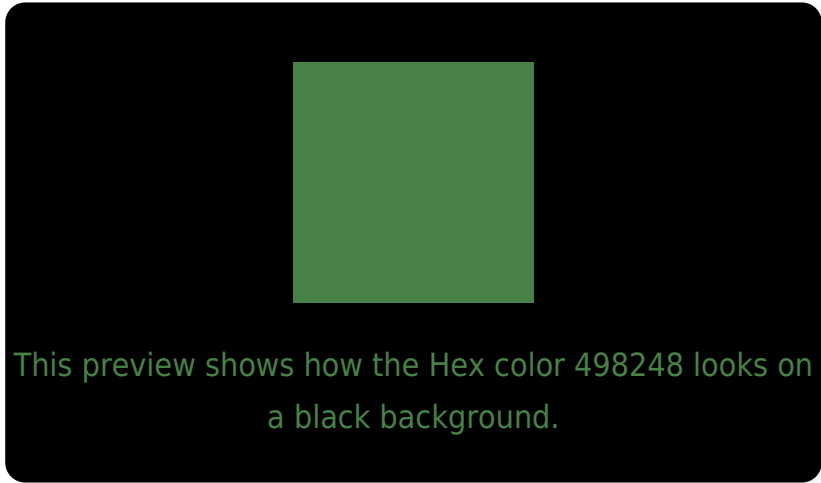
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ 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 498248 Background



This preview shows how black text looks on a background with the Hex color 498248.



This preview shows how white text looks on a background with the Hex color 498248.

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
557B85

Trichromacy



Original Color
498248

Protanomaly
6C7A45

Deuteranomaly
74774B

Tritanomaly
517E6F

Monochromacy



Original Color
498248

Achromatopsia
6A6A6A

Achromatomaly
5E735E

CSS Examples

Text

The CSS property to change the color of the text to Hex 498248 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 #498248 looks like.

```
.text, #text, p{  
    color:#498248  
}
```

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 #498248 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #498248
}
```

Border

The CSS property to change the border of an element to Hex 498248 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
#498248 }
```

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

```
.border{ border-color:#498248 }
```

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

Here you see how a box with a 4 pixel #498248 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #498248; -webkit-box-shadow:4px 4px  
4px 4px #498248; box-shadow:4px 4px 4px  
4px #498248 }
```

Background

The CSS property to change the background color of an element to Hex 498248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#498248 }
```

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

```
.background{ background-color:#498248 }
```

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