

Converting Colors

Hex(498D15)

Have a look what the booklet for
Hex(498D15) contains.

Hex(498D15)	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(498D15)

Conversions

Conversions Part 1

Format	Color
Hex	498D15
RGB	73, 141, 21
RGB Percent	29%, 55%, 8%
CMY	0.7137, 0.4471, 0.9176
CMYK	0.48, 0.00, 0.85, 0.45
HSL	94°, 74%, 32%
HSV	94°, 85%, 55%
XYZ	12.4079, 20.5204, 4.0163
YIQ	106.9880, -2.0080, -51.7360

Conversions

Conversions Part 2

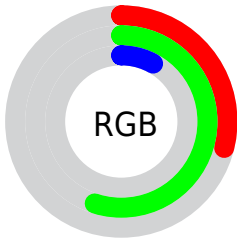
Format	Color
RYB	21, 141, 89
Decimal	4820245
CIELab	52.42, -41.27, 51.39
CIELCh	52, 65.912, 128.769
Yxy	20.5204, 0.3359, 0.5554
Android (android.graphics.Color)	4283010325 (0xFF498D15)
YUV	106.9880, -42.3921, -29.8075
Hunter-Lab	45.2994, -30.3813, 26.4528

Details

The Hex color **498D15** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **59158D**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **80C34D**, and **085A00** is the 20% darker color. If you saturate the color by 10%, you get **418D07**, and if you desaturate by 10%, it is **518D23**.

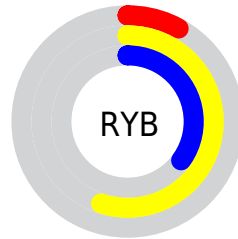
Distribution



Red (29%)

Green (55%)

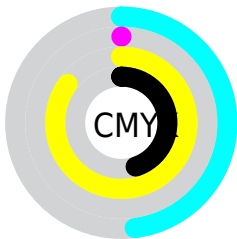
Blue (8%)



Red (8%)

Yellow (55%)

Blue (35%)

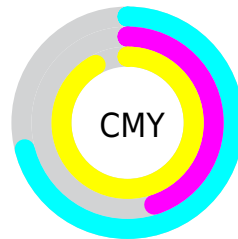


Cyan (48%)

Magenta (0%)

Yellow (85%)

Black (45%)



Cyan (71%)

Magenta (45%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color 498D15 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 498D15 by changing the saturation by 10% instead.



498D15



498D15

FFFFFF



2C7300



80C34D



085A00



9CDF68



004200



B8FC82



002C00



D5FF9E



001000



F3FFB9



000000



FFFFD6



FFFFF3



498D15



498D15

■ 418D07

■ 518D23

■ 3D8D00

■ 598D31

■ 618D3F

■ 698D4D

■ 718D5C

■ 798D6A

■ 818D78

■ 898D86

■ 918D94

Harmonies

Analogous

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



878000



498D15



009452

Triad

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



498D15



008EE7



E13E6F

Complementary

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



498D15



59158D

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.



CC4AA7



498D15



007FEE

Square

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



498D15



0095C3



9366D6



D75139

Rectangle

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



498D15



009679



9366D6



DD3E82

Sweetspot

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



498D15



9DB888



8D5915



4C5C3F



DBDBDB



5C5C5C

Same Dimension

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



498D15



50B800



158D1D



434740



3B8700



030800

Inverse Universe

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



59158D



6800B8



8D1585



444047



4D0087



040008

Previews

White Background



This preview shows how the Hex color 498D15 looks on a white background.

Color Contrast Check

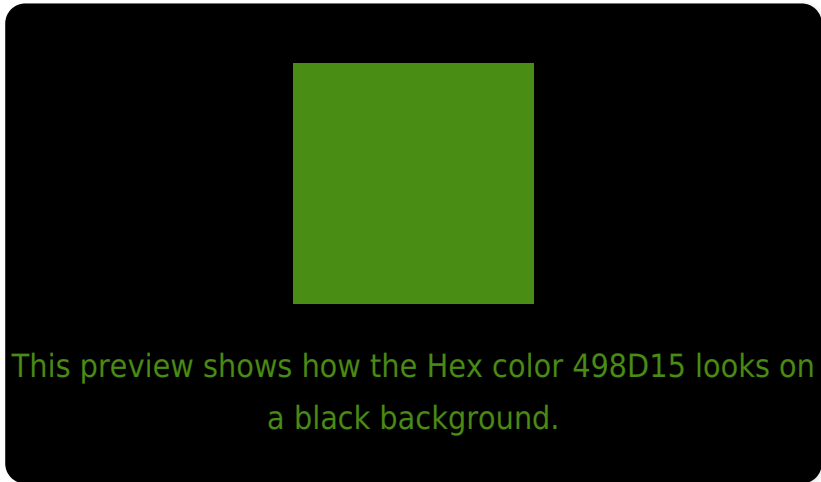
Large Text (above 18pt) WCAG AA ✓ Pass

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 498D15 Background



This preview shows how black text looks on a background with the Hex color 498D15.



This preview shows how white text looks on a background with the Hex color 498D15.

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
498D15

Protanopia
8C7D10

Deuteranopia
9C7623



Tritanopia
5B838E

Trichromacy



Original Color
498D15

Protanomaly
748312

Deuteranomaly
7E7E1E

Tritanomaly
548762

Monochromacy



Original Color
498D15

Achromatopsia
6B6B6B

Achromatomaly
5F774C

CSS Examples

Text

The CSS property to change the color of the text to Hex 498D15 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 #498D15 looks like.

```
.text, #text, p{  
    color:#498D15  
}
```

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 #498D15 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #498D15
}
```

Border

The CSS property to change the border of an element to Hex 498D15 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
#498D15 }
```

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

```
.border{ border-color:#498D15 }
```

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

Here you see how a box with a 4 pixel #498D15 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #498D15; -webkit-box-shadow:4px 4px  
4px 4px #498D15; box-shadow:4px 4px 4px  
4px #498D15 }
```

Background

The CSS property to change the background color of an element to Hex 498D15 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#498D15 }
```

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

```
.background{ background-color:#498D15 }
```

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