

Converting Colors

Hex(478C35)

Have a look what the booklet for
Hex(478C35) contains.

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Color

Hex(478C35)

Conversions

Conversions Part 1

Format	Color
Hex	478C35
RGB	71, 140, 53
RGB Percent	28%, 55%, 21%
CMY	0.7216, 0.4510, 0.7922
CMYK	0.49, 0.00, 0.62, 0.45
HSL	108°, 45%, 38%
HSV	108°, 62%, 55%
XYZ	12.6192, 20.3528, 6.6315
YIQ	109.4510, -13.1970, -41.6850

Conversions

Conversions Part 2

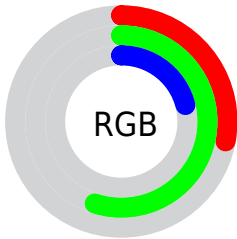
Format	Color
R_{YB}	53, 140, 122
Decimal	4688949
CIE _{Lab}	52.23, -39.04, 38.96
CIE _{LCh}	52, 55.148, 135.059
Yxy	20.3528, 0.3186, 0.5139
Android (android.graphics.Color)	4282879029 (0xFF478C35)
YUV	109.4510, -27.8303, -33.7215
Hunter-Lab	45.1141, -29.0200, 22.8645

Details

The Hex color **478C35** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **7A358C**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **7DC267**, and **085900** is the 20% darker color. If you saturate the color by 10%, you get **3C8C27**, and if you desaturate by 10%, it is **528C43**.

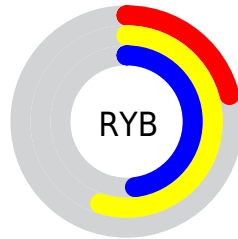
Distribution



Red (28%)

Green (55%)

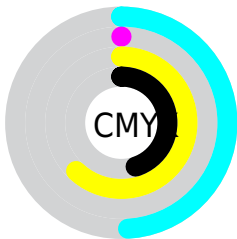
Blue (21%)



Red (21%)

Yellow (55%)

Blue (48%)

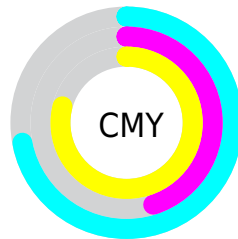


Cyan (49%)

Magenta (0%)

Yellow (62%)

Black (45%)



Cyan (72%)

Magenta (45%)

Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 478C35 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 478C35 by changing the saturation by 10% instead.

 478C35

 478C35

FFFFFF

 2B721C

 7DC267

 085900

 98DE81

 004100

 B4FB9C

 002B00

 D1FFB7

 000F00

 EEFFD3

 000000

 FFFFF0

 478C35

 478C35

 3C8C27

 528C43

■ 318C19

■ 5D8C51

■ 268C0B

■ 688C5F

■ 1D8C00

■ 738C6D

■ 7F8C7B

■ 8A8C89

■ 958C97

■ A08CA5

■ AB8CB3

Harmonies

Analogous

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



7E8212



478C35



009163

Triad

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



478C35



0089D8



D25067

Complementary

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



478C35



7A358C

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.



C65396



478C35



4C7AD8

Square

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



478C35



0091BF



9D65C0



C65E3B

Rectangle

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



478C35



009383



9D65C0



D14E77

Sweetspot

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



478C35



9AB593



8C7935



4B5C47



DBDBDB



5C5C5C

Same Dimension

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



478C35



49B52D



358C4E



3F453E



1B8500



010500

Inverse Universe

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



7A358C



992DB5



8C3573



433E45



690085



040005

Previews

White Background



This preview shows how the Hex color 478C35 looks on a white background.

Color Contrast Check

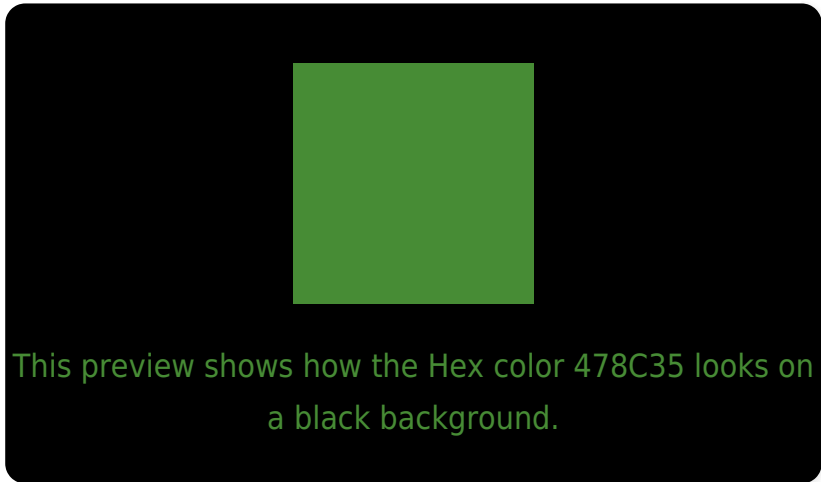
Large Text (above 18pt) WCAG AA ✓ Pass

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 478C35 Background



This preview shows how black text looks on a background with the Hex color 478C35.



This preview shows how white text looks on a background with the Hex color 478C35.

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
478C35

Protanopia
8A7C30

Deuteranopia
99763C



Tritanopia
58838E

Trichromacy



Original Color
478C35

Protanomaly
728232

Deuteranomaly
7B7E39

Tritanomaly
52866E

Monochromacy



Original Color
478C35

Achromatopsia
6D6D6D

Achromatomaly
5F7859

CSS Examples

Text

The CSS property to change the color of the text to Hex 478C35 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 #478C35 looks like.

```
.text, #text, p{  
    color:#478C35  
}
```

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 #478C35 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #478C35
}
```

Border

The CSS property to change the border of an element to Hex 478C35 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
#478C35 }
```

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

```
.border{ border-color:#478C35 }
```

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

Here you see how a box with a 4 pixel #478C35 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #478C35; -webkit-box-shadow:4px 4px  
4px 4px #478C35; box-shadow:4px 4px 4px  
4px #478C35 }
```

Background

The CSS property to change the background color of an element to Hex 478C35 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#478C35 }
```

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

```
.background{ background-color:#478C35 }
```

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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