

Converting Colors

Hex(478A18)

Have a look what the booklet for
Hex(478A18) contains.

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Color

Hex(478A18)

Conversions

Conversions Part 1

Format	Color
Hex	478A18
RGB	71, 138, 24
RGB Percent	28%, 54%, 9%
CMY	0.7216, 0.4588, 0.9059
CMYK	0.49, 0.00, 0.83, 0.46
HSL	95°, 70%, 32%
HSV	95°, 83%, 54%
XYZ	11.8519, 19.5825, 4.0193
YIQ	104.9710, -3.3380, -49.6580

Conversions

Conversions Part 2

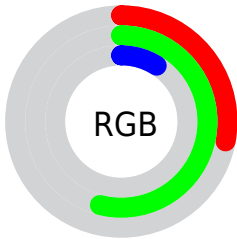
Format	Color
R_{YB}	24, 138, 91
Decimal	4688408
CIE _{Lab}	51.36, -40.56, 49.55
CIE _{LCh}	51, 64.030, 129.301
Yxy	19.5825, 0.3343, 0.5523
Android (android.graphics.Color)	4282878488 (0xFF478A18)
YUV	104.9710, -39.9187, -29.7926
Hunter-Lab	44.2521, -29.6342, 25.5913

Details

The Hex color **478A18** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **5B188A**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **7EC04F**, and **065700** is the 20% darker color. If you saturate the color by 10%, you get **3F8A0A**, and if you desaturate by 10%, it is **4F8A26**.

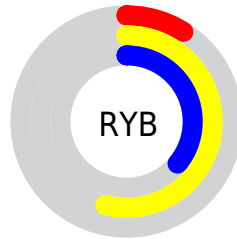
Distribution



Red (28%)

Green (54%)

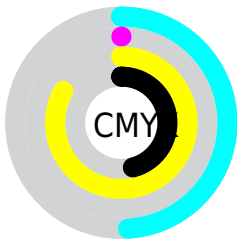
Blue (9%)



Red (9%)

Yellow (54%)

Blue (36%)

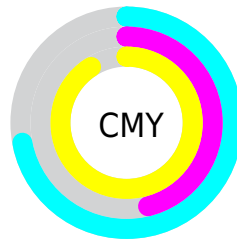


Cyan (49%)

Magenta (0%)

Yellow (83%)

Black (46%)



Cyan (72%)

Magenta (46%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 478A18 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 478A18 by changing the saturation by 10% instead.



478A18



478A18

FFFFFF



2A7000



7EC04F



065700



9ADC69



003F00



B6F983



002900



D3FF9F



000900



F0FFBA



000000



FFFFD7



FFFFF4



478A18



478A18

■ 3F8A0A

■ 4F8A26

■ 398A00

■ 578A34

■ 5F8A41

■ 678A4F

■ 708A5D

■ 788A6B

■ 808A79

■ 888A86

■ 908A94

Harmonies

Analogous

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



847D00



478A18



009151

Triad

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



478A18



008BE1



DB3E6C

Complementary

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



478A18



5B188A

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.



C849A2



478A18



007BE7

Square

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



478A18



0092BF



9163D0



D15037

Rectangle

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



478A18



009377



9163D0



D83E7E

Sweetspot

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



478A18



98B386



8A5B18



4A593E



D9D9D9



595959

Same Dimension

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



478A18



4BB302



188A21



41453E



378500



020500

Inverse Universe

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



5B188A



6A02B3



8A1881



423E45



4E0085



030005

Previews

White Background



This preview shows how the Hex color 478A18 looks on a white background.

Color Contrast Check

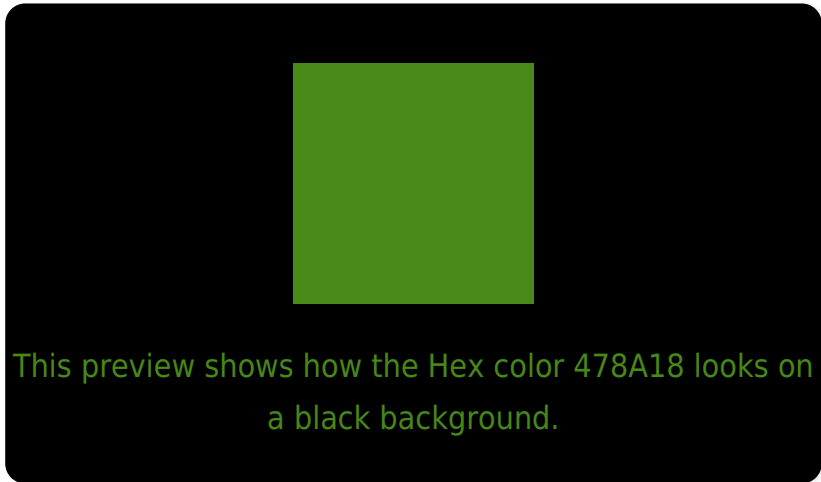
Large Text (above 18pt) WCAG AA ✓ Pass

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 478A18 Background



This preview shows how black text looks on a background with the Hex color 478A18.



This preview shows how white text looks on a background with the Hex color 478A18.

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
478A18

Protanopia
897A14

Deuteranopia
997424



Tritanopia
59808B

Trichromacy



Original Color
478A18

Protanomaly
718015

Deuteranomaly
7B7C20

Tritanomaly
528461

Monochromacy



Original Color
478A18

Achromatopsia
696969

Achromatomaly
5D754C

CSS Examples

Text

The CSS property to change the color of the text to Hex 478A18 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 #478A18 looks like.

```
.text, #text, p{  
    color:#478A18  
}
```

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 #478A18 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #478A18  
}
```

Border

The CSS property to change the border of an element to Hex 478A18 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  
#478A18 }
```

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

```
.border{ border-color:#478A18 }
```

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

Here you see how a box with a 4 pixel #478A18 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #478A18; -webkit-box-shadow:4px 4px  
4px 4px #478A18; box-shadow:4px 4px 4px  
4px #478A18 }
```

Background

The CSS property to change the background color of an element to Hex 478A18 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#478A18 }
```

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

```
.background{ background-color:#478A18 }
```

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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