

Converting Colors

Hex(48A10B)

Have a look what the booklet for
Hex(48A10B) contains.

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Color

Hex(48A10B)

Conversions

Conversions Part 1

Format	Color
Hex	48A10B
RGB	72, 161, 11
RGB Percent	28%, 63%, 4%
CMY	0.7176, 0.3686, 0.9569
CMYK	0.55, 0.00, 0.93, 0.37
HSL	96°, 87%, 34%
HSV	96°, 93%, 63%
XYZ	15.4778, 26.8916, 4.6914
YIQ	117.2890, -4.8940, -65.5180

Conversions

Conversions Part 2

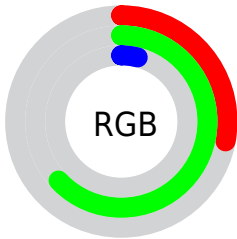
Format	Color
R_{YB}	11, 161, 100
Decimal	4759819
CIE _{Lab}	58.87, -49.69, 58.98
CIE _{LCh}	59, 77.121, 130.116
Yxy	26.8916, 0.3289, 0.5714
Android (android.graphics.Color)	4282949899 (0xFF48A10B)
YUV	117.2890, -52.4005, -39.7185
Hunter-Lab	51.8571, -37.4732, 30.9361

Details

The Hex color **48A10B** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **640BA1**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **82D94C**, and **006C00** is the 20% darker color. If you saturate the color by 10%, you get **41A100**, and if you desaturate by 10%, it is **52A11B**.

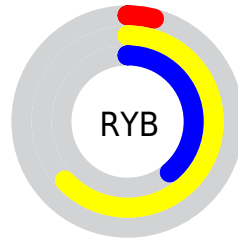
Distribution



Red (28%)

Green (63%)

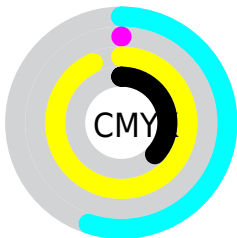
Blue (4%)



Red (4%)

Yellow (63%)

Blue (39%)

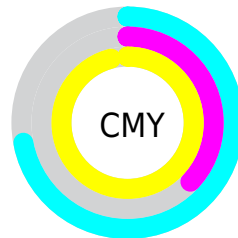


Cyan (55%)

Magenta (0%)

Yellow (93%)

Black (37%)



Cyan (72%)

Magenta (37%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 48A10B 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 48A10B by changing the saturation by 10% instead.



48A10B



48A10B

FFFFFF



278600



82D94C



006C00



9FF568



005300



BCFF83



003B00



D9FF9F



002500



F7FFBB



000000



FFFFD7



FFFFF5



48A10B



48A10B

■ 41A100

■ 52A11B

■ 5BA12B

■ 65A13B

■ 6EA14B

■ 78A15C

■ 81A16C

■ 8BA17C

■ 94A18C

■ 9EA19C

Harmonies

Analogous

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



969200



48A10B



00A95D

Triad

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



48A10B



00A1FF



FF3D7A

Complementary

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



48A10B



640BA1

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.



EE4BBD



48A10B



008FFF

Square

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



48A10B



00AAE4



AB70F6



F65839

Rectangle

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



48A10B



00AB8C



AB70F6



FF3C90

Sweetspot

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



48A10B



AED197



A1620B



536945



E8E8E8



696969

Same Dimension

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



48A10B



55D100



0BA117



4D5249



3B9100



071200

Inverse Universe

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



640BA1



7C00D1



A10B95



4E4952



560091



0B0012

Previews

White Background



This preview shows how the Hex color 48A10B looks on a white background.

Color Contrast Check

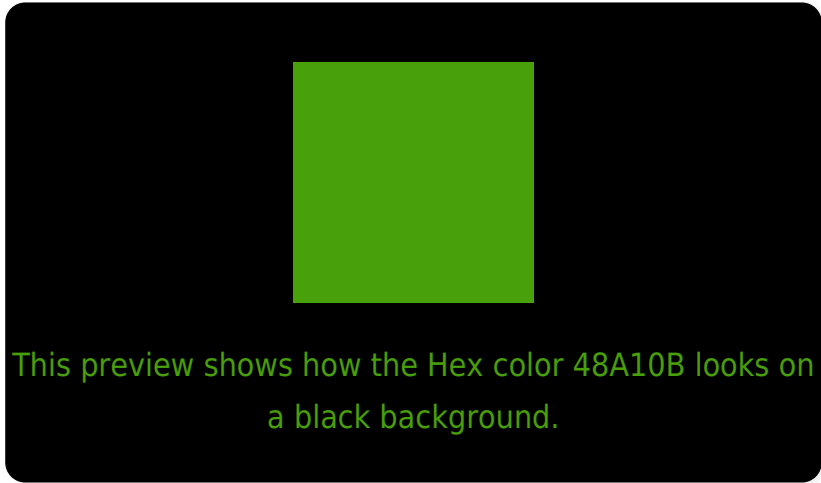
Large Text (above 18pt) WCAG AA ✓ Pass

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 48A10B Background



This preview shows how black text looks on a background with the Hex color 48A10B.



This preview shows how white text looks on a background with the Hex color 48A10B.

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
48A10B

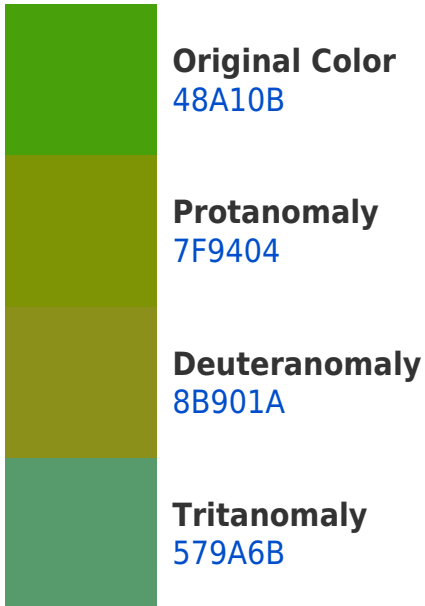
Protanopia
9F8D00

Deuteranopia
B18623

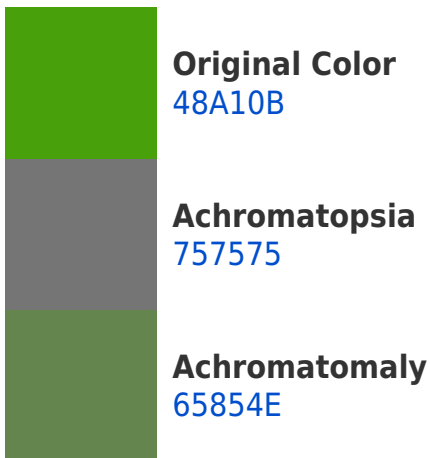


Tritanopia
6096A2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 48A10B 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 #48A10B looks like.

```
.text, #text, p{  
    color:#48A10B  
}
```

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 #48A10B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #48A10B
}
```

Border

The CSS property to change the border of an element to Hex 48A10B 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
#48A10B }
```

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

```
.border{ border-color:#48A10B }
```

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

Here you see how a box with a 4 pixel #48A10B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #48A10B; -webkit-box-shadow:4px 4px  
4px 4px #48A10B; box-shadow:4px 4px 4px  
4px #48A10B }
```

Background

The CSS property to change the background color of an element to Hex 48A10B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#48A10B }
```

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

```
.background{ background-color:#48A10B }
```

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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