

# Converting Colors

Hex(48912C)

Have a look what the booklet for  
Hex(48912C) contains.

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**Color**

**Hex(48912C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	48912C
RGB	72, 145, 44
RGB Percent	28%, 57%, 17%
CMY	0.7176, 0.4314, 0.8275
CMYK	0.50, 0.00, 0.70, 0.43
HSL	103°, 53%, 37%
HSV	103°, 70%, 57%
XYZ	13.2525, 21.8104, 5.8942
YIQ	111.6590, -11.0870, -46.8870

# Conversions

## Conversions Part 2

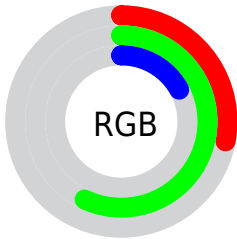
Format	Color
<a href="#">RYB</a>	<a href="#">44, 145, 117</a>
Decimal	<a href="#">4755756</a>
CIELab	<a href="#">53.83, -41.70, 44.73</a>
CIELCh	<a href="#">54, 61.152, 132.990</a>
Yxy	<a href="#">21.8104, 0.3236, 0.5325</a>
Android (android.graphics.Color)	<a href="#">4282945836 (0xFF48912C)</a>
YUV	<a href="#">111.6590, -33.3559, -34.7809</a>
Hunter-Lab	<a href="#">46.7016, -31.0748, 25.2081</a>

# Details

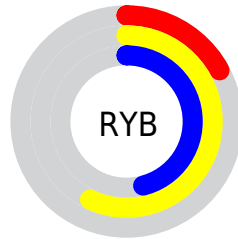
The Hex color **48912C** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **752C91**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **7FC85F**, and **045E00** is the 20% darker color. If you saturate the color by 10%, you get **3E911E**, and if you desaturate by 10%, it is **52913B**.

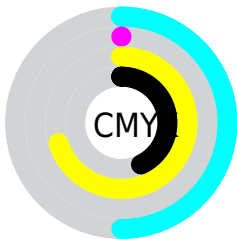
# Distribution



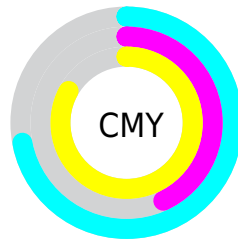
- Red (28%)
- Green (57%)
- Blue (17%)



- Red (17%)
- Yellow (57%)
- Blue (46%)



- Cyan (50%)
- Magenta (0%)
- Yellow (70%)
- Black (43%)



- Cyan (72%)
- Magenta (43%)
- Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 48912C 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 48912C by changing the saturation by 10% instead.





48912C



48912C

FFFFFF



2B770F



7FC85F



045E00



9BE479



004500



B7FF94



002E00



D4FFAF



001600



F1FFCB



000000



FFFFE8



48912C



48912C



3E911E



52913B

■ 33910F

■ 5D9149

■ 299101

■ 679158

■ 289100

■ 729166

■ 7C9175

■ 879183

■ 919192

■ 9C91A0

■ A691AF

# Harmonies

## Analogous

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



858500



48912C



009760

# Triad

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



48912C



008FE6



DF4B6C

# Complementary

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



48912C



752C91

# 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.



D051A1



48912C



367FE8

# Square

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



48912C



0097C8



A068CE



D35C3B

# Rectangle

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



48912C



009985



A068CE



DD4A7E



# Sweetspot

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



48912C



A0BD95



91742C



4D5E47



DEDEDE



5E5E5E



# Same Dimension

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



48912C



4ABD1E



2C9142



424740



258700



020800



# Inverse Universe

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



752C91



911EBD



912C7B



454047



620087



060008



# Previews

## White Background



This preview shows how the Hex color 48912C looks on a white background.

## Color Contrast Check

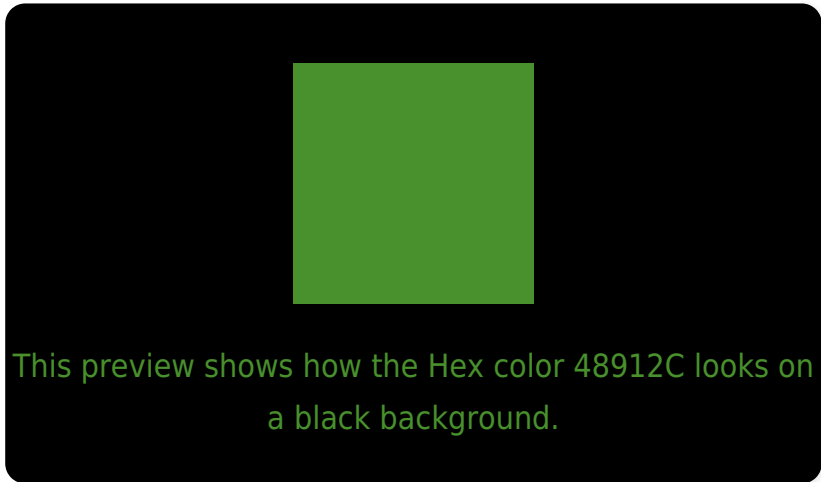
Large Text (above 18pt) WCAG AA ✓ Pass

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

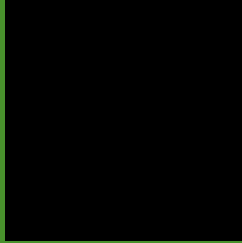
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 48912C Background



This preview shows how black text looks on a background with the Hex color 48912C.



This preview shows how white text looks on a background with the Hex color 48912C.

# 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**  
48912C

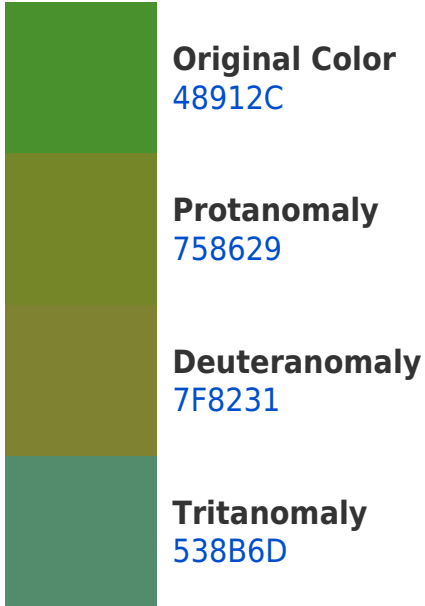
**Protanopia**  
8F8028

**Deuteranopia**  
9F7A34

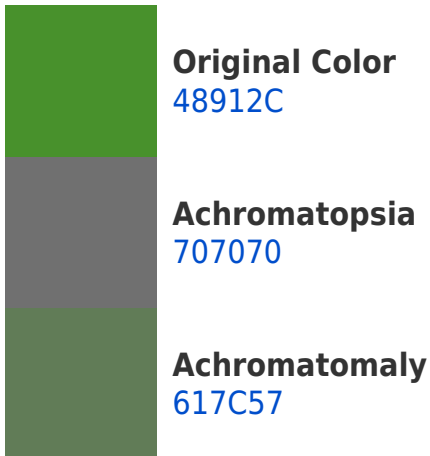


**Tritanopia**  
5A8792

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 48912C 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 #48912C looks like.

```
.text, #text, p{  
    color:#48912C  
}
```

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 #48912C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #48912C
}
```

## Border

The CSS property to change the border of an element to Hex 48912C 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
#48912C }
```

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

```
.border{ border-color:#48912C }
```

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

Here you see how a box with a 4 pixel #48912C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #48912C; -webkit-box-shadow:4px 4px  
4px 4px #48912C; box-shadow:4px 4px 4px  
4px #48912C }
```

# Background

The CSS property to change the background color of an element to Hex 48912C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#48912C }
```

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

```
.background{ background-color:#48912C }
```

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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