

Converting Colors

Hex(48112C)

Have a look what the booklet for
Hex(48112C) contains.

Hex(48112C)	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(48112C)

Conversions

Conversions Part 1

Format	Color
Hex	48112C
RGB	72, 17, 44
RGB Percent	28%, 7%, 17%
CMY	0.7176, 0.9333, 0.8275
CMYK	0.00, 0.76, 0.39, 0.72
HSL	331°, 62%, 17%
HSV	331°, 76%, 28%
XYZ	3.3276, 1.9605, 2.5859
YIQ	36.5230, 24.1130, 20.0570

Conversions

Conversions Part 2

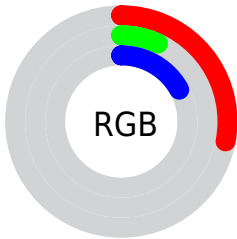
Format	Color
RYB	72, 17, 44
Decimal	4722988
CIELab	15.28, 28.75, -3.56
CIELCh	15, 28.967, 352.940
Yxy	1.9605, 0.4226, 0.2490
Android (android.graphics.Color)	4282913068 (0xFF48112C)
YUV	36.5230, 3.6862, 31.1133
Hunter-Lab	14.0017, 17.9184, -1.1488




Details

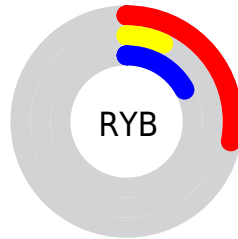
The Hex color **48112C** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **11482D**, and the grayscale version is **242424**.




A 20% lighter version of the original color is **7B4059**, and **130000** is the 20% darker color. If you saturate the color by 10%, you get **480A28**, and if you desaturate by 10%, it is **481830**.

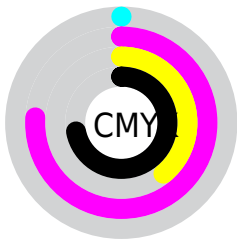
Distribution







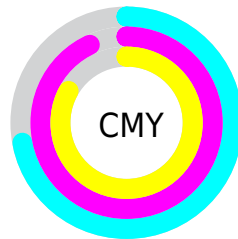
-  Red (28%)
-  Green (7%)
-  Blue (17%)






-  Red (28%)
-  Yellow (7%)
-  Blue (17%)



-  Cyan (0%)
-  Magenta (76%)
-  Yellow (39%)
-  Black (72%)



-  Cyan (72%)
-  Magenta (93%)
-  Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 48112C 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 48112C by changing the saturation by 10% instead.

 48112C

 48112C

 FFFBFF

 300018

 7B4059

 130000

 965972

 000000

 B1728B

 CD8CA6

 EAA6C1

 FFC2DD

 FFDEF9

 48112C

 48112C

■ 480A28

■ 481830

■ 480325

■ 481F33

■ 480023

■ 482737

■ 482E3B

■ 48353E

■ 483C42

■ 484346

■ 484B49

■ 48524D

Harmonies

Analogous

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



3A193F



48112C



4A1218

Triad

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



48112C



222A00



002E47

Complementary

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



48112C



11482D

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.



003036



48112C



042D0A

Square

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



48112C



352400



002F21



002A4F

Rectangle

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



48112C



461808



002F21



002F42

Sweetspot

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



48112C



5E4953



2D1148



30232A



B0B0B0



303030

Same Dimension

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



48112C



5E0832



481111



242022



630031



E3006F

Inverse Universe

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



48112C



5E0832



114848



242022



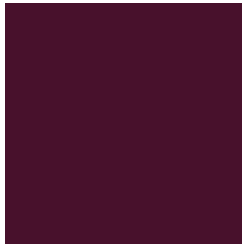
630031



E3006F

Previews

White Background



This preview shows how the Hex color 48112C looks on a white background.

Color Contrast Check

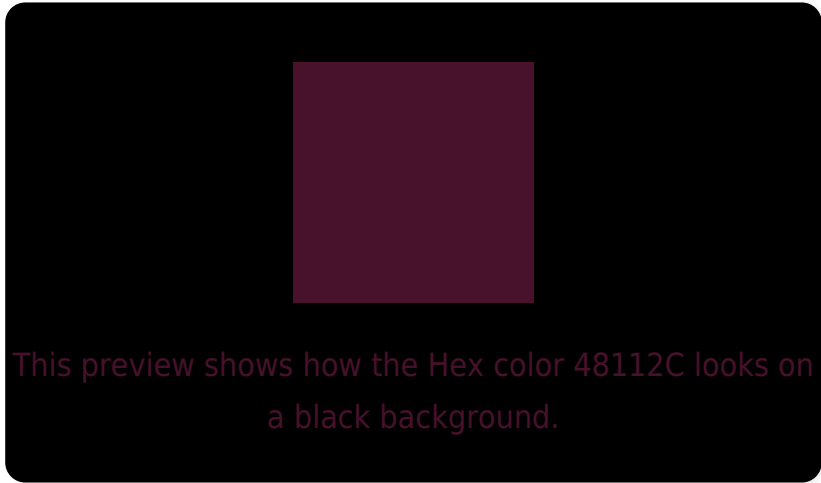
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

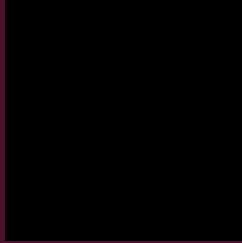
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 48112C Background



This preview shows how black text looks on a background with the Hex color 48112C.



This preview shows how white text looks on a background with the Hex color 48112C.

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
48112C

Protanopia
22273B

Deuteranopia
2B2729



Tritanopia
471718

Trichromacy



Original Color
48112C

Protanomaly
301F36

Deuteranomaly
361F2A

Tritanomaly
47151F

Monochromacy



Original Color
48112C

Achromatopsia
252525

Achromatomaly
321E28

CSS Examples

Text

The CSS property to change the color of the text to Hex 48112C 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 #48112C looks like.

```
.text, #text, p{  
    color:#48112C  
}
```

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 #48112C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #48112C
}
```

Border

The CSS property to change the border of an element to Hex 48112C 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".

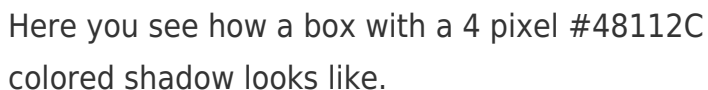
```
.border, #border, table{ border:4px solid
#48112C }
```

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

```
.border{ border-color:#48112C }
```

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

Here you see how a box with a 4 pixel #48112C colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #48112C; -webkit-box-shadow:4px 4px  
4px 4px #48112C; box-shadow:4px 4px 4px  
4px #48112C }
```

Background

The CSS property to change the background color of an element to Hex 48112C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#48112C }
```

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

```
.background{ background-color:#48112C }
```

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