

# Converting Colors

Hex(48000C)

Have a look what the booklet for  
Hex(48000C) contains.

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# Color

**Hex(48000C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	48000C
RGB	72, 0, 12
RGB Percent	28%, 0%, 5%
CMY	0.7176, 1.0000, 0.9529
CMYK	0.00, 1.00, 0.83, 0.72
HSL	350°, 100%, 14%
HSV	350°, 100%, 28%
XYZ	2.7388, 1.4043, 0.4745
YIQ	22.8960, 39.0600, 18.9960

# Conversions

## Conversions Part 2

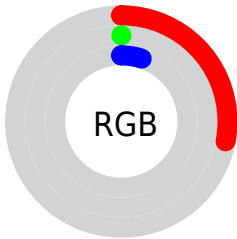
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	72, 0, 12
Decimal	4718604
CIE Lab	11.99, 32.66, 13.88
CIE LCh	12, 35.487, 23.022
Yxy	1.4043, 0.5931, 0.3041
Android (android.graphics.Color)	4282908684 (0xFF4800C)
YUV	22.8960, -5.3717, 43.0642
Hunter-Lab	11.8502, 20.5177, 5.9209

# Details

The Hex color **48000C** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **00483C**, and the grayscale version is **171717**.

A 20% lighter version of the original color is **7E3337**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **48000C**, and if you desaturate by 10%, it is **480712**.

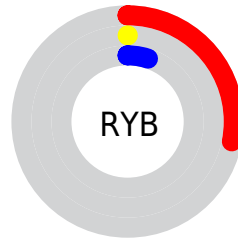
# Distribution



Red (28%)

Green (0%)

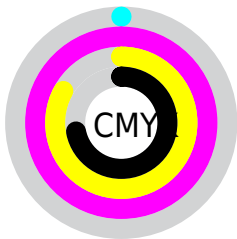
Blue (5%)



Red (28%)

Yellow (0%)

Blue (5%)

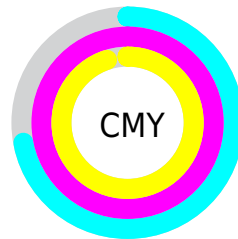


Cyan (0%)

Magenta (100%)

Yellow (83%)

Black (72%)



Cyan (72%)

Magenta (100%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 48000C 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 48000C by changing the saturation by 10% instead.



 48000C

 48000C

 FFEDEB

 300000

 7E3337

 000000

 994C4E

 B66566

 D37E7F

 F09999

 FFB4B3

 FFD0CF

 48000C

■ 480712

■ 480E18

■ 48161E

■ 481D24

■ 48242A

■ 482B30

■ 483236

■ 483A3C

■ 484142

# Harmonies

## Analogous

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



460026



48000C



3E1000

# Triad

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



48000C



002800



002451

# Complementary

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



4800C



00483C

# 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.



002947



48000C



002A19

# Square

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



4800C



172400



002A32



081C4D

# Rectangle

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



4800C



341900



002A32



00264F



# Sweetspot

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



48000C



5E4247



3C0048



301F22



B0B0B0



303030



# Same Dimension

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



48000C



5E0010



481800



242021



630011



E30026



# Inverse Universe

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



48000C



5E0010



003048



242021



630011

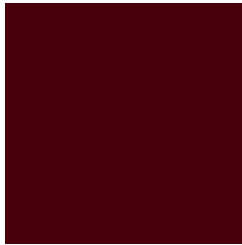


E30026



# Previews

## White Background



This preview shows how the Hex color 48000C looks on a white background.

## Color Contrast Check

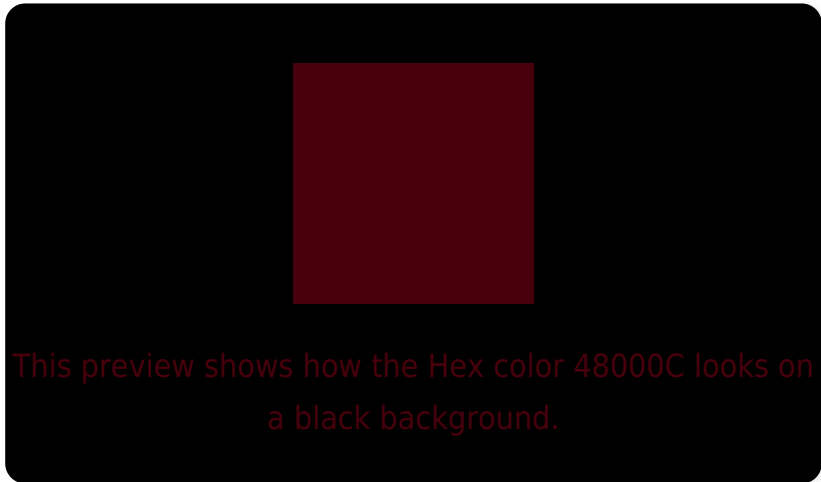
Large Text (above 18pt) WCAG AA ✓ Pass

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

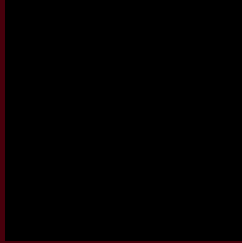
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 48000C Background



This preview shows how black text looks on a background with the Hex color 48000C.

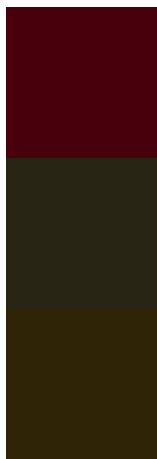


This preview shows how white text looks on a background with the Hex color 48000C.

# 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**  
48000C

**Protanopia**  
282413

**Deuteranopia**  
2E2304



**Tritanopia**  
480600

# Trichromacy



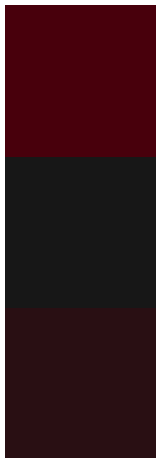
**Original Color**  
48000C

**Protanomaly**  
341710

**Deuteranomaly**  
371607

**Tritanomaly**  
480404

# Monochromacy



**Original Color**  
48000C

**Achromatopsia**  
171717

**Achromatomaly**  
290F13

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 48000C 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 #48000C looks like.

```
.text, #text, p{  
    color:#48000C  
}
```

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 #48000C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #48000C
}
```

## Border

The CSS property to change the border of an element to Hex 48000C is called "border". The border property can be set on classes, ids or directly on the HTML element.

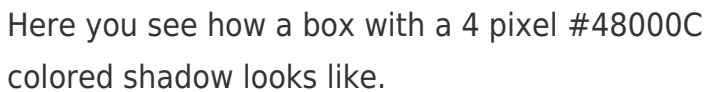
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#48000C }
```

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

```
.border{ border-color:#48000C }
```

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



Here you see how a box with a 4 pixel #48000C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #48000C; -webkit-box-shadow:4px 4px  
4px 4px #48000C; box-shadow:4px 4px 4px  
4px #48000C }
```

# Background

The CSS property to change the background color of an element to Hex 48000C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#48000C }
```

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

```
.background{ background-color:#48000C }
```

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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