

# Converting Colors

Hex(48344C)

Have a look what the booklet for  
Hex(48344C) contains.

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# Color

Hex(48344C)

# Conversions

## Conversions Part 1

Format	Color
Hex	48344C
RGB	72, 52, 76
RGB Percent	28%, 20%, 30%
CMY	0.7176, 0.7961, 0.7020
CMYK	0.05, 0.32, 0.00, 0.70
HSL	290°, 19%, 25%
HSV	290°, 32%, 30%
XYZ	5.2050, 4.3555, 7.4038
YIQ	60.7160, 4.2160, 11.7040

# Conversions

## Conversions Part 2

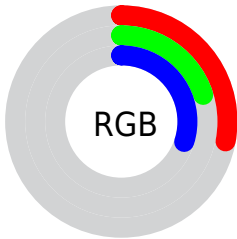
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	72, 52, 76
Decimal	4731980
CIE Lab	24.81, 13.95, -11.26
CIE LCh	25, 17.932, 321.086
Yxy	4.3555, 0.3068, 0.2567
Android (android.graphics.Color)	4282922060 (0xFF48344C)
YUV	60.7160, 7.5350, 9.8961
Hunter-Lab	20.8698, 7.9961, -6.4250




# Details

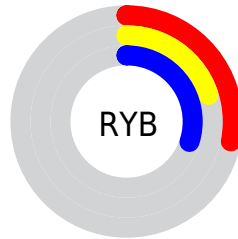
The Hex color **48344C** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **384C34**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **79637D**, and **1D0820** is the 20% darker color. If you saturate the color by 10%, you get **472C4C**, and if you desaturate by 10%, it is **493C4C**.

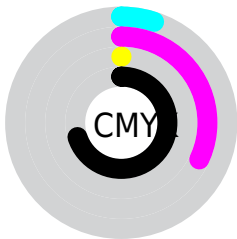
# Distribution







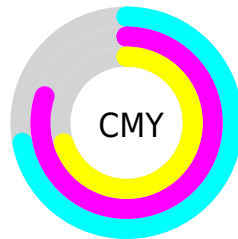
-  Red (28%)
-  Green (20%)
-  Blue (30%)






-  Red (28%)
-  Yellow (20%)
-  Blue (30%)



-  Cyan (5%)
-  Magenta (32%)
-  Yellow (0%)
-  Black (70%)



-  Cyan (72%)
-  Magenta (80%)
-  Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 48344C 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 48344C by changing the saturation by 10% instead.





48344C



48344C

FFFFFF



311F35



79637D



1D0820



937C97



000006



AD96B2



000000



C9B0CD



E5CCE9



FFE8FF



48344C



48344C



472C4C



493C4C

■ 45254C

■ 4B434C

■ 441D4C

■ 4C4B4C

■ 43164C

■ 4D524C

■ 420E4C

■ 4E5A4C

■ 40064C

■ 50624C

■ 3F004C

■ 51694C

■ 52714C

■ 53784C

# Harmonies

## Analogous

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



373954



48344C



523140

# Triad

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



48344C



473920



064244

# Complementary

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



48344C



384C34

# 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.



194236



48344C



3A3D21

# Square

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



48344C



513426



2B4029



084150

# Rectangle

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



48344C



553036



2B4029



0C4240



# Sweetspot

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



48344C



625A63



34384C



322D33



B3B3B3



333333



# Same Dimension

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



48344C



5D3E63



4C3444



262226



550066



BF00E6



# Inverse Universe

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



4C3438



633E44



344C3C



262223



660011



E60026



# Previews

## White Background



This preview shows how the Hex color 48344C looks on a white background.

## Color Contrast Check

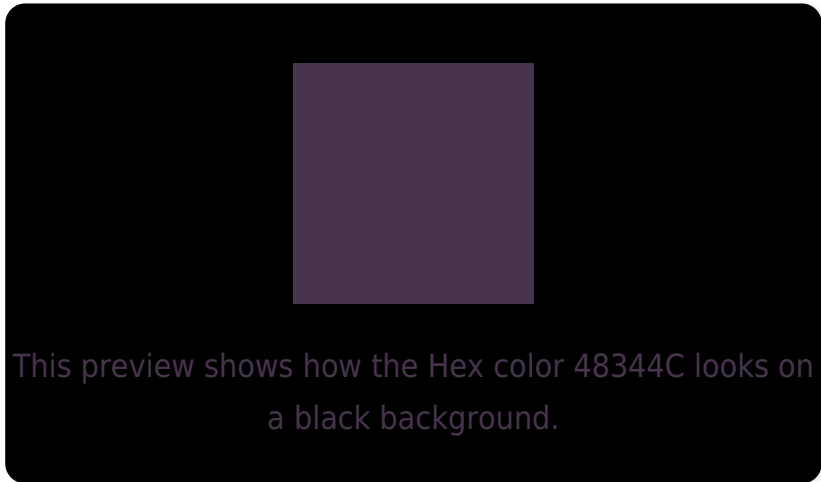
Large Text (above 18pt) WCAG AA ✓ Pass

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

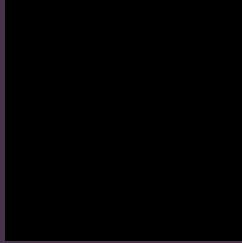
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 48344C Background



This preview shows how black text looks on a background with the Hex color 48344C.



This preview shows how white text looks on a background with the Hex color 48344C.

# 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**  
48344C

**Protanopia**  
353A51

**Deuteranopia**  
393A4B



**Tritanopia**  
46373C

# Trichromacy



**Original Color**  
48344C

**Protanomaly**  
3C384F

**Deuteranomaly**  
3E384B

**Tritanomaly**  
473642

# Monochromacy



**Original Color**  
48344C

**Achromatopsia**  
3D3D3D

**Achromatomaly**  
413A42

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 48344C 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 #48344C looks like.

```
.text, #text, p{  
    color:#48344C  
}
```

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 #48344C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #48344C
}
```

## Border

The CSS property to change the border of an element to Hex 48344C is called "border". The border property can be set on classes, ids or directly on the HTML element.

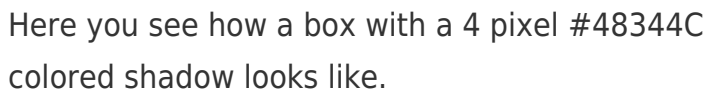
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#48344C }
```

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

```
.border{ border-color:#48344C }
```

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



Here you see how a box with a 4 pixel #48344C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #48344C; -webkit-box-shadow:4px 4px  
4px 4px #48344C; box-shadow:4px 4px 4px  
4px #48344C }
```

# Background

The CSS property to change the background color of an element to Hex 48344C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#48344C }
```

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

```
.background{ background-color:#48344C }
```

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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