

# Converting Colors

Hex(48182E)

Have a look what the booklet for  
Hex(48182E) contains.

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# Color

**Hex(48182E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	48182E
RGB	72, 24, 46
RGB Percent	28%, 9%, 18%
CMY	0.7176, 0.9059, 0.8196
CMYK	0.00, 0.67, 0.36, 0.72
HSL	332°, 50%, 19%
HSV	332°, 67%, 28%
XYZ	3.4923, 2.2282, 2.8308
YIQ	40.8600, 21.5460, 17.0180

# Conversions

## Conversions Part 2

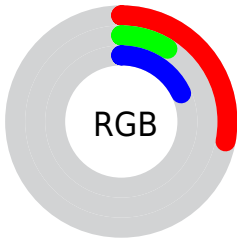
<b>Format</b>	<b>Color</b>
<b>RYB</b>	72, 24, 46
Decimal	4724782
CIELab	16.64, 25.52, -2.97
CIELCh	17, 25.697, 353.365
Yxy	2.2282, 0.4084, 0.2606
Android (android.graphics.Color)	4282914862 (0xFF48182E)
YUV	40.8600, 2.5340, 27.3098
Hunter-Lab	14.9273, 15.6376, -0.7946




# Details

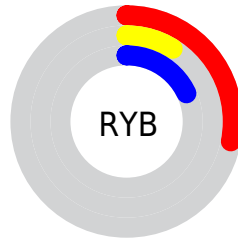
The Hex color **48182E** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **184832**, and the grayscale version is **292929**.




A 20% lighter version of the original color is **7B465C**, and **170000** is the 20% darker color. If you saturate the color by 10%, you get **48112A**, and if you desaturate by 10%, it is **481F32**.

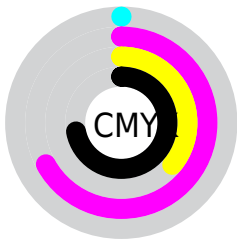
# Distribution







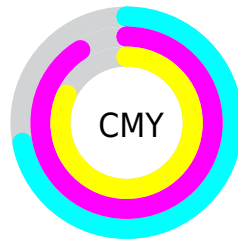
-  Red (28%)
-  Green (9%)
-  Blue (18%)






-  Red (28%)
-  Yellow (9%)
-  Blue (18%)



-  Cyan (0%)
-  Magenta (67%)
-  Yellow (36%)
-  Black (72%)



-  Cyan (72%)
-  Magenta (91%)
-  Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 48182E 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 48182E by changing the saturation by 10% instead.




 48182E

 48182E

FFFFFF

 300219

 7B465C

 170000

 955E74

 000000

 B0788E

 CC92A8

 E9ACC3

 FFC8DF

 FFE4FC

 48182E

 48182E

■ 48112A

■ 481F32

■ 480A26

■ 482636

■ 480222

■ 482E3A

■ 480021

■ 48353E

■ 483C42

■ 484345

■ 484A49

■ 48524D

■ 485951

# Harmonies

## Analogous

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



3B1E3F



48182E



4A191C

# Triad

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



48182E



252C01



003046

# Complementary

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



48182E



184832

# 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.



003237



48182E



0C3012

# Square

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



48182E



372700



003224



002C4E

# Rectangle

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



48182E



461D10



003224



003142



# Sweetspot

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



48182E



5E4B54



321848



30252A



B0B0B0



303030



# Same Dimension

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



48182E



5E1335



481A18



242022



63002E



E30068



# Inverse Universe

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



48182E



5E1335



184648



242022



63002E

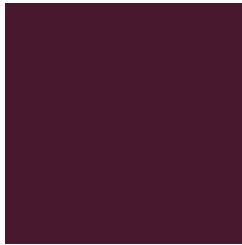


E30068



# Previews

## White Background



This preview shows how the Hex color 48182E looks on a white background.

## Color Contrast Check

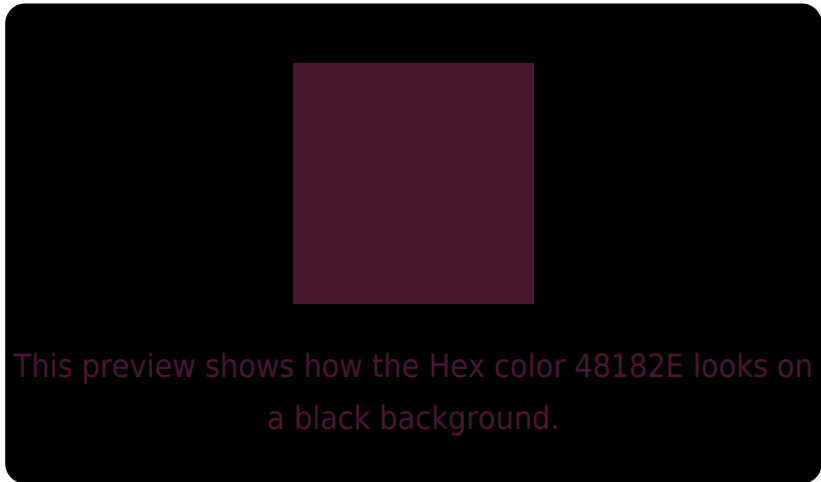
Large Text (above 18pt) WCAG AA ✓ Pass

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

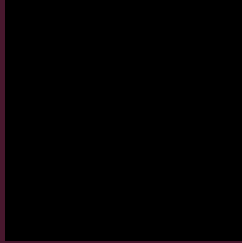
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 48182E Background



This preview shows how black text looks on a background with the Hex color 48182E.



This preview shows how white text looks on a background with the Hex color 48182E.

# 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**  
48182E

**Protanopia**  
262A3A

**Deuteranopia**  
2E292C



**Tritanopia**  
471C1E

# Trichromacy



**Original Color**  
48182E

**Protanomaly**  
322336

**Deuteranomaly**  
37232D

**Tritanomaly**  
471B24

# Monochromacy



**Original Color**  
48182E

**Achromatopsia**  
292929

**Achromatomaly**  
34232B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 48182E 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 #48182E looks like.

```
.text, #text, p{  
    color:#48182E  
}
```

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 #48182E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #48182E
}
```

## Border

The CSS property to change the border of an element to Hex 48182E is called "border". The border property can be set on classes, ids or directly on the HTML element.

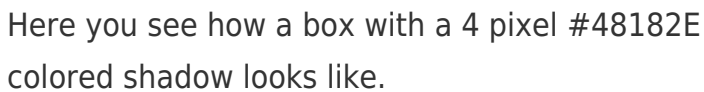
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#48182E }
```

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

```
.border{ border-color:#48182E }
```

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



Here you see how a box with a 4 pixel #48182E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #48182E; -webkit-box-shadow:4px 4px  
4px 4px #48182E; box-shadow:4px 4px 4px  
4px #48182E }
```

# Background

The CSS property to change the background color of an element to Hex 48182E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#48182E }
```

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

```
.background{ background-color:#48182E }
```

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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