

Converting Colors

Hex(48405C)

Have a look what the booklet for
Hex(48405C) contains.

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Color

Hex(48405C)

Conversions

Conversions Part 1

Format	Color
Hex	48405C
RGB	72, 64, 92
RGB Percent	28%, 25%, 36%
CMY	0.7176, 0.7490, 0.6392
CMYK	0.22, 0.30, 0.00, 0.64
HSL	257°, 18%, 31%
HSV	257°, 30%, 36%
XYZ	6.4376, 5.8172, 10.9087
YIQ	69.5840, -4.2200, 10.4040

Conversions

Conversions Part 2

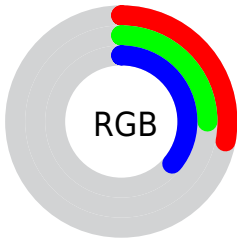
Format	Color
R_YB	72, 64, 92
Decimal	4735068
CIE Lab	28.95, 10.08, -15.40
CIE LCh	29, 18.401, 303.210
Yxy	5.8172, 0.2779, 0.2511
Android (android.graphics.Color)	4282925148 (0xFF48405C)
YUV	69.5840, 11.0511, 2.1188
Hunter-Lab	24.1189, 5.4359, -9.9331

Details

The Hex color **48405C** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **545C40**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **79708E**, and **1B162E** is the 20% darker color. If you saturate the color by 10%, you get **41375C**, and if you desaturate by 10%, it is **4F495C**.

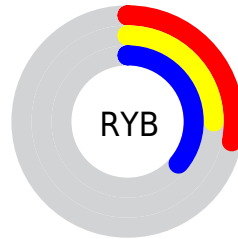
Distribution



Red (28%)

Green (25%)

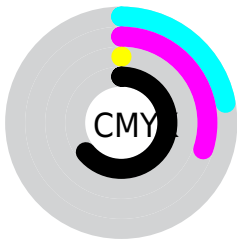
Blue (36%)



Red (28%)

Yellow (25%)

Blue (36%)

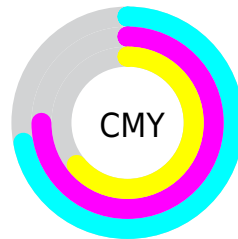


Cyan (22%)

Magenta (30%)

Yellow (0%)

Black (64%)



Cyan (72%)

Magenta (75%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 48405C 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 48405C by changing the saturation by 10% instead.

■ 48405C

■ 48405C

FFFFFF

■ 312A44

■ 79708E

■ 1B162E

■ 9389A9

■ 00001A

■ AEA3C4

■ 000000

■ C9BEE0

■ E5DAFD

■ FFF7FF

■ 48405C

■ 48405C

■ 41375C

■ 4F495C

■ 3B2E5C

■ 55525C

■ 34245C

■ 5C5C5C

■ 2E1B5C

■ 62655C

■ 27125C

■ 696E5C

■ 21095C

■ 6F775C

■ 1A005C

■ 76805C

■ 7D8A5C

■ 83935C

Harmonies

Analogous

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



334560



48405C



583B51

Triad

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



48405C



583F2B



1A4C45

Complementary

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



48405C



545C40

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.



2C4B37



48405C



4C4428

Square

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



48405C



5F3B35



3D482C



0F4B53

Rectangle

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



48405C



5E3A48



3D482C



204C40

Sweetspot

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



48405C



706D78



40545C



38363D



BDBDBD



3D3D3D

Same Dimension

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



48405C



584C78



56405C



2B292E



1F006E



4400ED

Inverse Universe

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



5C4054



784C6B



465C40



2E292D



6E004E



ED00A9

Previews

White Background



This preview shows how the Hex color 48405C looks on a white background.

Color Contrast Check

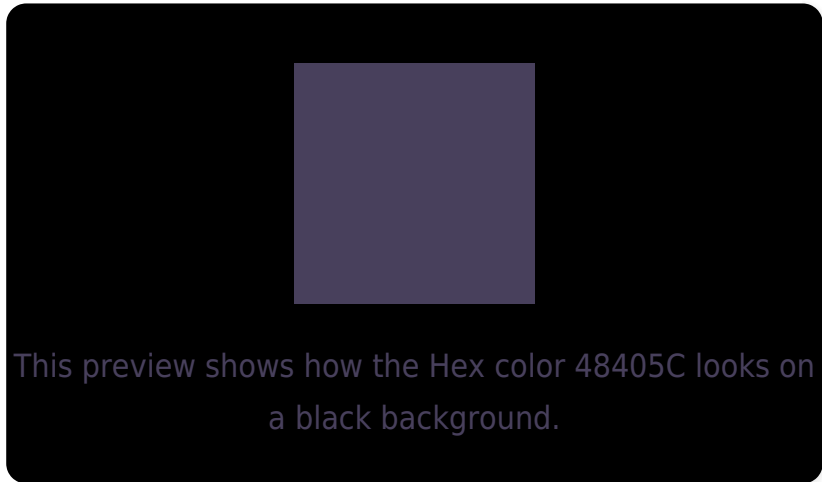
Large Text (above 18pt) WCAG AA ✓ Pass

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

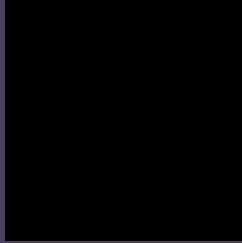
Any Text WCAG AA × Fail

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 48405C Background



This preview shows how black text looks on a background with the Hex color 48405C.

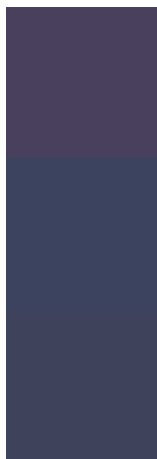


This preview shows how white text looks on a background with the Hex color 48405C.

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
48405C

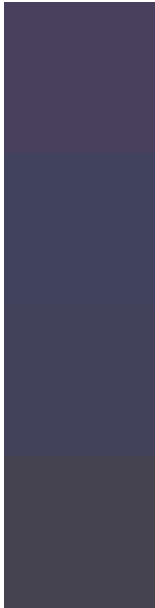
Protanopia
3C435F

Deuteranopia
3E435B



Tritanopia
454449

Trichromacy



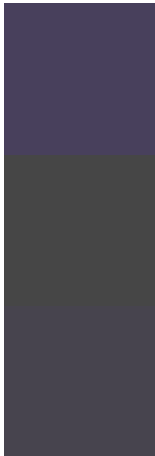
Original Color
48405C

Protanomaly
40425E

Deuteranomaly
42425B

Tritanomaly
464350

Monochromacy



Original Color
48405C

Achromatopsia
464646

Achromatomaly
47444E

CSS Examples

Text

The CSS property to change the color of the text to Hex 48405C 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 #48405C looks like.

```
.text, #text, p{  
    color:#48405C  
}
```

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 #48405C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #48405C
}
```

Border

The CSS property to change the border of an element to Hex 48405C is called "border". The border property can be set on classes, ids or directly on the HTML element.

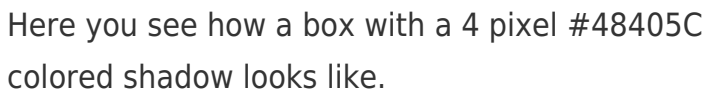
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#48405C }
```

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

```
.border{ border-color:#48405C }
```

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



Here you see how a box with a 4 pixel #48405C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #48405C; -webkit-box-shadow:4px 4px  
4px 4px #48405C; box-shadow:4px 4px 4px  
4px #48405C }
```

Background

The CSS property to change the background color of an element to Hex 48405C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#48405C }
```

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

```
.background{ background-color:#48405C }
```

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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