

# Converting Colors

Hex(40405C)

Have a look what the booklet for  
Hex(40405C) contains.

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# Color

Hex(40405C)

# Conversions

## Conversions Part 1

Format	Color
Hex	40405C
RGB	64, 64, 92
RGB Percent	25%, 25%, 36%
CMY	0.7490, 0.7490, 0.6392
CMYK	0.30, 0.30, 0.00, 0.64
HSL	240°, 18%, 31%
HSV	240°, 30%, 36%
XYZ	5.8795, 5.5295, 10.8826
YIQ	67.1920, -8.9880, 8.7080

# Conversions

## Conversions Part 2

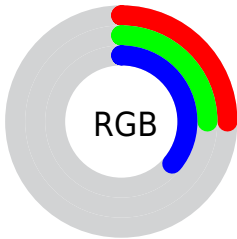
<b>Format</b>	<b>Color</b>
<b>RYB</b>	64, 64, 92
Decimal	4210780
CIELab	28.19, 7.26, -16.62
CIElCh	28, 18.136, 293.589
Yxy	5.5295, 0.2638, 0.2481
Android (android.graphics.Color)	4282400860 (0xFF40405C)
YUV	67.1920, 12.2303, -2.7994
Hunter-Lab	23.5149, 3.4801, -10.9789

# Details

The Hex color **40405C** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **5C5C40**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **71708E**, and **14162E** is the 20% darker color. If you saturate the color by 10%, you get **37375C**, and if you desaturate by 10%, it is **49495C**.

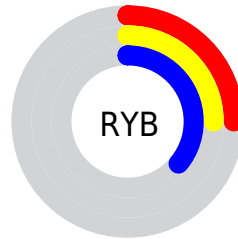
# Distribution



 Red (25%)

 Green (25%)

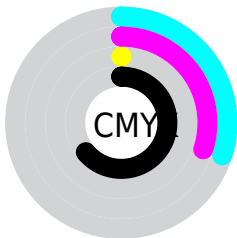
 Blue (36%)



 Red (25%)

 Yellow (25%)

 Blue (36%)

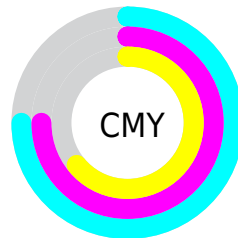


 Cyan (30%)

 Magenta (30%)

 Yellow (0%)

 Black (64%)



 Cyan (75%)

 Magenta (75%)

 Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 40405C 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 40405C by changing the saturation by 10% instead.





40405C



40405C

FFFFFF



292A44



71708E



14162E



8A89A9



000119



A5A3C4



000000



C0BEE0



DCDAFD



F9F7FF



40405C



40405C



37375C



49495C

■ 2E2E5C

■ 52525C

■ 24245C

■ 5C5C5C

■ 1B1B5C

■ 65655C

■ 12125C

■ 6E6E5C

■ 09095C

■ 77775C

■ 00005C

■ 80805C

■ 8A8A5C

■ 93935C

# Harmonies

## Analogous

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



2A455E



40405C



513B53

# Triad

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



40405C



593C2D



1F4A3F

# Complementary

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



40405C



5C5C40

# 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.



304832



40405C



4F4127

# Square

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



40405C



5E3838



414529



104A4D

# Rectangle

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



40405C



59394B



414529



25493A



# Sweetspot

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



40405C



6D6D78



405C5C



36363D



BDBDBD



3D3D3D



# Same Dimension

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



40405C



4C4C78



4E405C



29292E



00006E



0000ED



# Inverse Universe

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



5C405C



784C78



4E5C40



2E292E



6E006E



ED00ED



# Previews

## White Background



This preview shows how the Hex color 40405C looks on a white background.

## Color Contrast Check

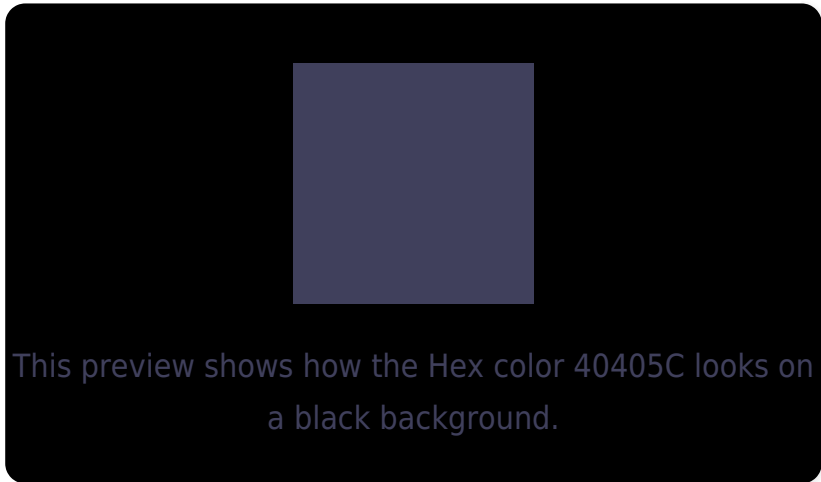
Large Text (above 18pt) WCAG AA ✓ Pass

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

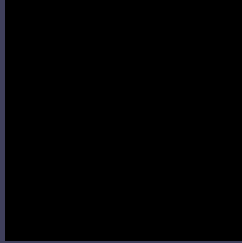
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 40405C Background



This preview shows how black text looks on a background with the Hex color 40405C.

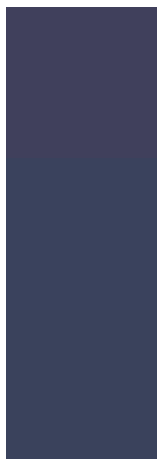


This preview shows how white text looks on a background with the Hex color 40405C.

# 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](#).

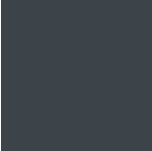
## Dichromacy



**Original Color**  
40405C

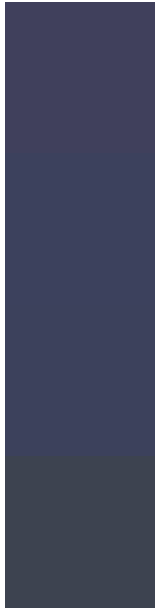
**Protanopia**  
3A425D

**Deuteranopia**  
3A425C



**Tritanopia**  
3C4449

# Trichromacy



**Original Color**  
40405C

**Protanomaly**  
3C415D

**Deuteranomaly**  
3C415C

**Tritanomaly**  
3D4350

# Monochromacy



**Original Color**  
40405C

**Achromatopsia**  
434343

**Achromatomaly**  
42424C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 40405C 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 #40405C looks like.

```
.text, #text, p{  
    color:#40405C  
}
```

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 #40405C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #40405C
}
```

## Border

The CSS property to change the border of an element to Hex 40405C is called "border". The border property can be set on classes, ids or directly on the HTML element.

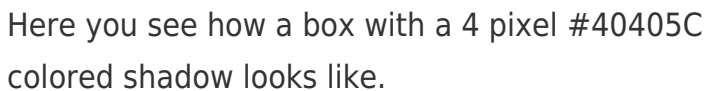
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#40405C }
```

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

```
.border{ border-color:#40405C }
```

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



Here you see how a box with a 4 pixel #40405C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #40405C; -webkit-box-shadow:4px 4px  
4px 4px #40405C; box-shadow:4px 4px 4px  
4px #40405C }
```

# Background

The CSS property to change the background color of an element to Hex 40405C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#40405C }
```

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

```
.background{ background-color:#40405C }
```

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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