

# Converting Colors

Hex(475B5C)

Have a look what the booklet for  
Hex(475B5C) contains.

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# Color

Hex(475B5C)

# Conversions

## Conversions Part 1

Format	Color
Hex	475B5C
RGB	71, 91, 92
RGB Percent	28%, 36%, 36%
CMY	0.7216, 0.6431, 0.6392
CMYK	0.23, 0.01, 0.00, 0.64
HSL	183°, 13%, 32%
HSV	183°, 23%, 36%
XYZ	8.2714, 9.5945, 11.5412
YIQ	85.1340, -12.2410, -3.9290

# Conversions

## Conversions Part 2

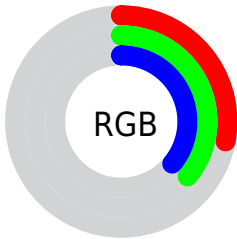
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	71, 81, 92
Decimal	4676444
CIE Lab	37.10, -7.33, -3.09
CIE LCh	37, 7.952, 202.881
Yxy	9.5945, 0.2813, 0.3263
Android (android.graphics.Color)	4282866524 (0xFF475B5C)
YUV	85.1340, 3.3849, -12.3955
Hunter-Lab	30.9749, -6.5404, -0.4088

# Details

The Hex color **475B5C** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **5C4847**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **788D8E**, and **1A2D2E** is the 20% darker color. If you saturate the color by 10%, you get **3E5B5C**, and if you desaturate by 10%, it is **505B5C**.

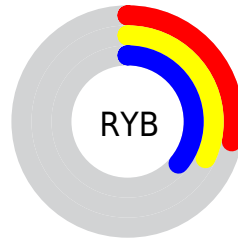
# Distribution



Red (28%)

Green (36%)

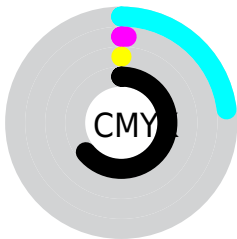
Blue (36%)



Red (28%)

Yellow (32%)

Blue (36%)

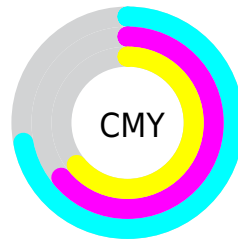


Cyan (23%)

Magenta (1%)

Yellow (0%)

Black (64%)



Cyan (72%)

Magenta (64%)

Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 475B5C 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 475B5C by changing the saturation by 10% instead.





475B5C



475B5C

FFFFFF



304445



788D8E



1A2D2E



92A8A9



03191A



ACC3C4



000000



C8DFE0



E4FBFC



475B5C



475B5C



3E5B5C



505B5C



355A5C



595C5C

■ 2B5A5C

■ 635C5C

■ 22595C

■ 6C5D5C

■ 19595C

■ 755D5C

■ 10585C

■ 7E5E5C

■ 07585C

■ 875E5C

■ 00585C

■ 915F5C

■ 9A5F5C

# Harmonies

## Analogous

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



4A5B55



475B5C



495A61

# Triad

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



475B5C



5E545F



5E564B

# Complementary

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



475B5C



5C4847

# 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.



63544D



475B5C



635359

# Square

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



475B5C



575663



655353



57584B

# Rectangle

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



475B5C



4C5963



655353



60564B



# Sweetspot

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



475B5C



6F7778



475C48



383D3D



BDBDBD



3D3D3D



# Same Dimension

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



475B5C



577678



47515C



292E2E



00686E



00E2ED



# Inverse Universe

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



5C475B



785776



5C5247



2E292E



6E0068



ED00E2



# Previews

## White Background



This preview shows how the Hex color 475B5C looks on a white background.

## Color Contrast Check

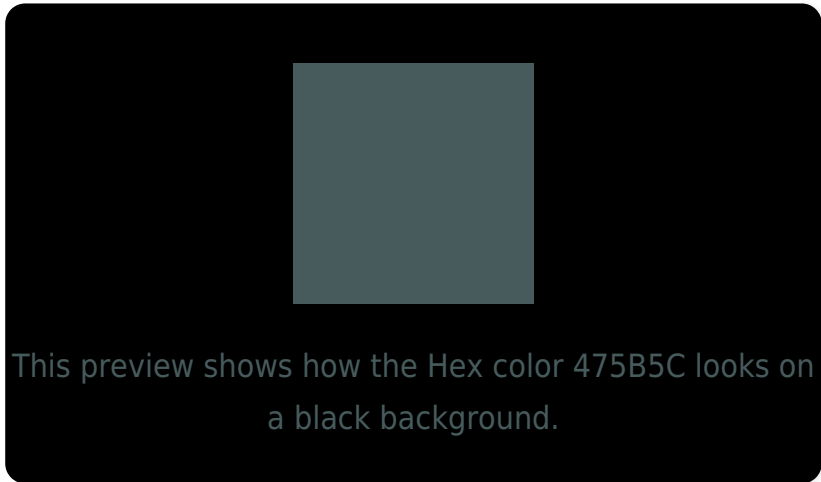
Large Text (above 18pt) WCAG AA ✓ Pass

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

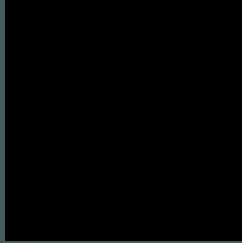
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

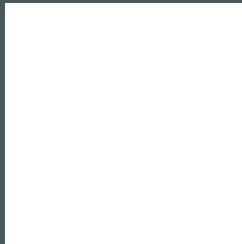
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 475B5C Background



This preview shows how black text looks on a background with the Hex color 475B5C.



This preview shows how white text looks on a background with the Hex color 475B5C.

# 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](#).

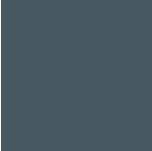
## Dichromacy



**Original Color**  
475B5C

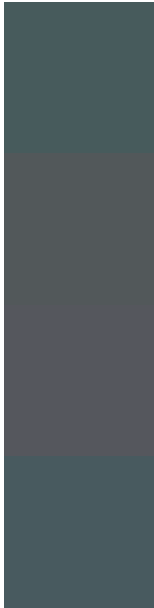
**Protanopia**  
585759

**Deuteranopia**  
5D555D



**Tritanopia**  
485A61

# Trichromacy



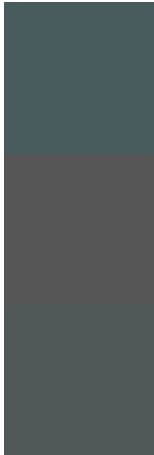
**Original Color**  
475B5C

**Protanomaly**  
52585A

**Deuteranomaly**  
55575D

**Tritanomaly**  
485A5F

# Monochromacy



**Original Color**  
475B5C

**Achromatopsia**  
555555

**Achromatomaly**  
505758

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 475B5C 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 #475B5C looks like.

```
.text, #text, p{  
    color:#475B5C  
}
```

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 #475B5C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #475B5C
}
```

## Border

The CSS property to change the border of an element to Hex 475B5C 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
#475B5C }
```

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

```
.border{ border-color:#475B5C }
```

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

Here you see how a box with a 4 pixel #475B5C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #475B5C; -webkit-box-shadow:4px 4px  
4px 4px #475B5C; box-shadow:4px 4px 4px  
4px #475B5C }
```

# Background

The CSS property to change the background color of an element to Hex 475B5C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#475B5C }
```

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

```
.background{ background-color:#475B5C }
```

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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