

# Converting Colors

Hex(485770)

Have a look what the booklet for  
Hex(485770) contains.

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# Color

**Hex(485770)**

# Conversions

## Conversions Part 1

Format	Color
Hex	485770
RGB	72, 87, 112
RGB Percent	28%, 34%, 44%
CMY	0.7176, 0.6588, 0.5608
CMYK	0.36, 0.22, 0.00, 0.56
HSL	218°, 22%, 36%
HSV	218°, 36%, 44%
XYZ	9.0053, 9.3640, 16.6620
YIQ	85.3650, -16.9650, 4.5950

# Conversions

## Conversions Part 2

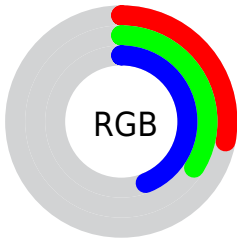
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	72, 83, 112
Decimal	4740976
CIE Lab	36.68, 0.89, -16.16
CIE LCh	37, 16.180, 273.156
Yxy	9.3640, 0.2571, 0.2673
Android (android.graphics.Color)	4282931056 (0xFF485770)
YUV	85.3650, 13.1311, -11.7211
Hunter-Lab	30.6006, -1.0211, -10.8630

# Details

The Hex color **485770** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **706148**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **7A89A4**, and **192A40** is the 20% darker color. If you saturate the color by 10%, you get **3D5070**, and if you desaturate by 10%, it is **535E70**.

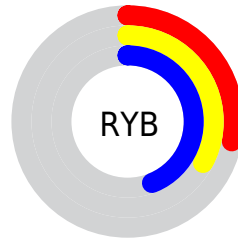
# Distribution



Red (28%)

Green (34%)

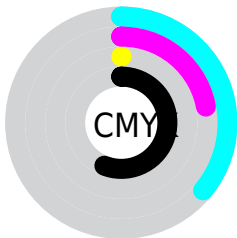
Blue (44%)



Red (28%)

Yellow (33%)

Blue (44%)

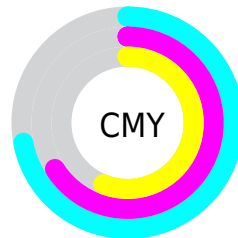


Cyan (36%)

Magenta (22%)

Yellow (0%)

Black (56%)



Cyan (72%)

Magenta (66%)

Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 485770 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 485770 by changing the saturation by 10% instead.



■ 485770

■ 485770

FFFFFF

■ 304058

■ 7A89A4

■ 192A40

■ 94A3BF

■ 02162A

■ AFBEDB

■ 000115

■ CADA7

■ 000000

■ E7F6FF

■ 485770

■ 485770

■ 3D5070

■ 535E70

■ 324970

■ 5E6570

■ 264270

■ 6A6C70

■ 1B3B70

■ 757370

■ 103470

■ 807A70

■ 052D70

■ 8B8170

■ 002A70

■ 968870

■ A28F70

■ AD9670

# Harmonies

## Analogous

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



375B6D



485770



5A526C

# Triad

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



485770



704E49



415C4A

# Complementary

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



485770



706148

# 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.



505A40



485770



6A523F

# Square

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



485770



704D55



5E563C



345E57

# Rectangle

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



485770



645066



5E563C



465C46



# Sweetspot

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



485770



818791



487061



40444A



C9C9C9



4A4A4A



# Same Dimension

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



485770



536A91



4D4870



323538



002D78



005DF7



# Inverse Universe

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



704857



91536A



6B7048



383235



78002D



F7005D



# Previews

## White Background



This preview shows how the Hex color 485770 looks on a white background.

## Color Contrast Check

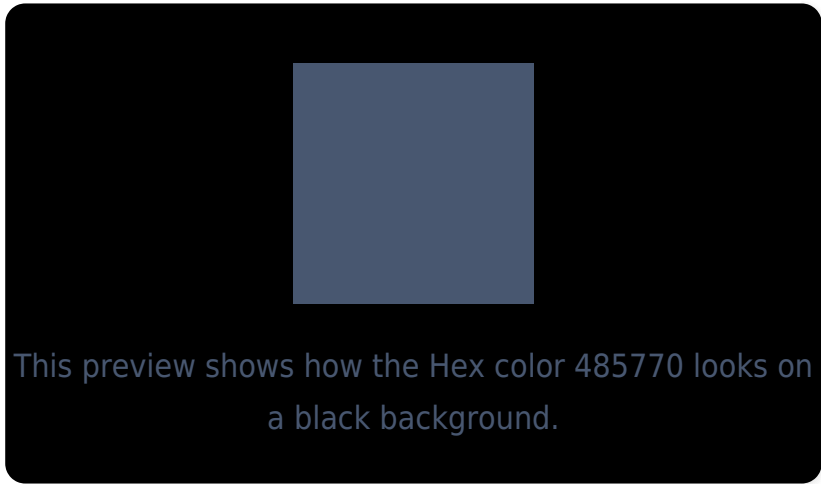
Large Text (above 18pt) WCAG AA ✓ Pass

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

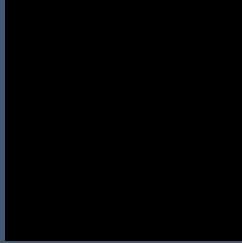
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

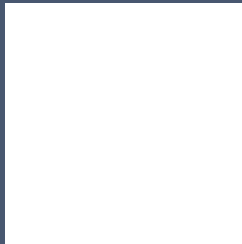
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 485770 Background



This preview shows how black text looks on a background with the Hex color 485770.



This preview shows how white text looks on a background with the Hex color 485770.

# 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**  
485770

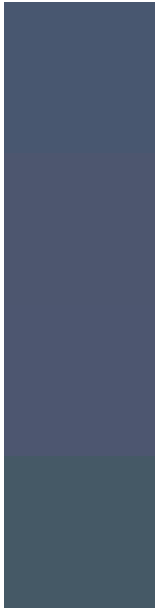
**Protanopia**  
50556F

**Deuteranopia**  
505570



**Tritanopia**  
445A61

# Trichromacy



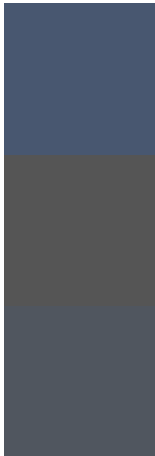
**Original Color**  
485770

**Protanomaly**  
4D566F

**Deuteranomaly**  
4D5670

**Tritanomaly**  
455966

# Monochromacy



**Original Color**  
485770

**Achromatopsia**  
555555

**Achromatomaly**  
50565F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 485770 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 #485770 looks like.

```
.text, #text, p{  
    color:#485770  
}
```

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 #485770 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #485770
}
```

## Border

The CSS property to change the border of an element to Hex 485770 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
#485770 }
```

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

```
.border{ border-color:#485770 }
```

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

Here you see how a box with a 4 pixel #485770 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #485770; -webkit-box-shadow:4px 4px  
4px 4px #485770; box-shadow:4px 4px 4px  
4px #485770 }
```

# Background

The CSS property to change the background color of an element to Hex 485770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#485770 }
```

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

```
.background{ background-color:#485770 }
```

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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