

# Converting Colors

Hex(485263)

Have a look what the booklet for  
Hex(485263) contains.

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# Color

**Hex(485263)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	485263
RGB	72, 82, 99
RGB Percent	28%, 32%, 39%
CMY	0.7176, 0.6784, 0.6118
CMYK	0.27, 0.17, 0.00, 0.61
HSL	218°, 16%, 34%
HSV	218°, 27%, 39%
XYZ	7.9419, 8.3132, 12.9904
YIQ	80.9480, -11.4170, 3.1670

# Conversions

## Conversions Part 2

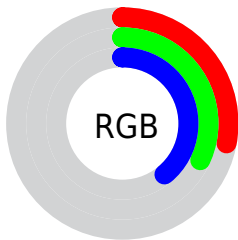
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	72, 79, 99
Decimal	4739683
CIE Lab	34.63, 0.37, -11.17
CIE LCh	35, 11.177, 271.909
Yxy	8.3132, 0.2716, 0.2843
Android (android.graphics.Color)	4282929763 (0xFF485263)
YUV	80.9480, 8.8996, -7.8474
Hunter-Lab	28.8325, -1.2892, -6.5301

# Details

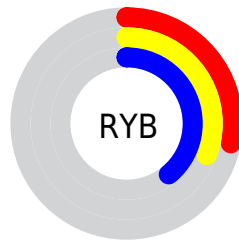
The Hex color **485263** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **635948**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **798396**, and **1B2534** is the 20% darker color. If you saturate the color by 10%, you get **3E4C63**, and if you desaturate by 10%, it is **525863**.

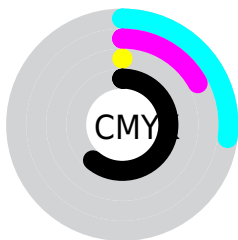
# Distribution



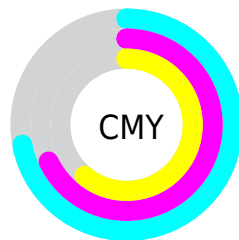
- Red (28%)
- Green (32%)
- Blue (39%)



- Red (28%)
- Yellow (31%)
- Blue (39%)



- Cyan (27%)
- Magenta (17%)
- Yellow (0%)
- Black (61%)



- Cyan (72%)
- Magenta (68%)
- Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 485263 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 485263 by changing the saturation by 10% instead.



■ 485263

■ 485263

FFFFFF

■ 313B4B

■ 798396

■ 1B2534

■ 939DB0

■ 04101F

■ AEB8CC

■ 000005

■ C9D4E8

■ 000000

■ E5F0FF

■ 485263

■ 485263

■ 3E4C63

■ 525863

■ 344663

■ 5C5E63

■ 2A3F63

■ 666563

■ 203963

■ 706B63

■ 163363

■ 7A7163

■ 0D2D63

■ 837763

■ 032663

■ 8D7E63

■ 002563

■ 978463

■ A18A63

# Harmonies

## Analogous

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



3E5561



485263



544F60

# Triad

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



485263



644C48



445649

# Complementary

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



485263



635948

# 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.



4E5442



485263



604E42

# Square

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



485263



634B51



585140



3C5752

# Rectangle

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



485263



5B4D5C



585140



475546



# Sweetspot

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



485263



757980



486359



393C40



BFBFBF



404040



# Same Dimension

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



485263



556580



4B4863



2C2D30



002A70



0059F0



# Inverse Universe

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



634852



805565



606348



302C2D



70002A

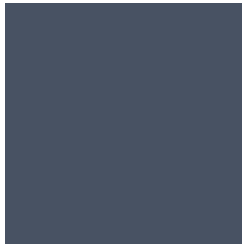


F00059



# Previews

## White Background



This preview shows how the Hex color 485263 looks on a white background.

## Color Contrast Check

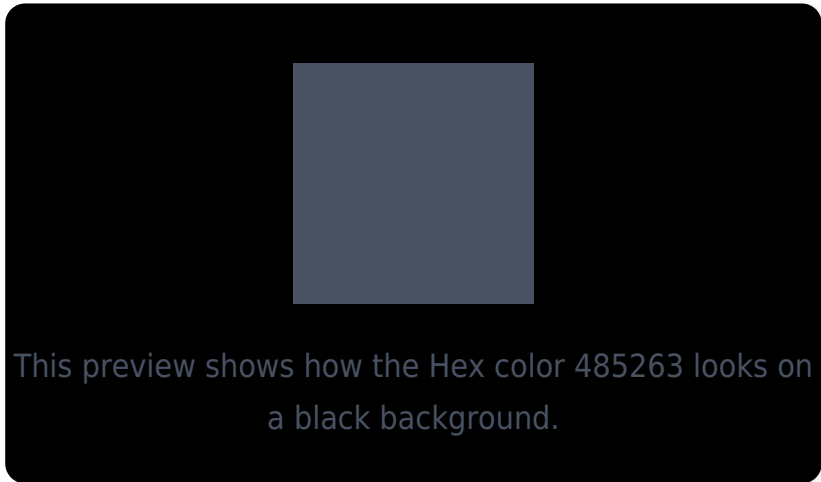
Large Text (above 18pt) WCAG AA ✓ Pass

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

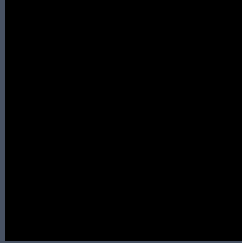
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

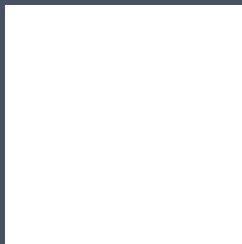
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 485263 Background



This preview shows how black text looks on a background with the Hex color 485263.

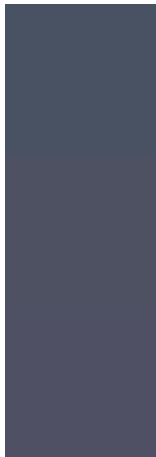


This preview shows how white text looks on a background with the Hex color 485263.

# 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](#).

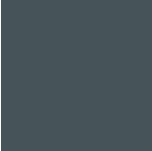
## Dichromacy



**Original Color**  
485263

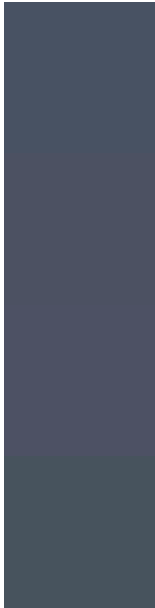
**Protanopia**  
4E5162

**Deuteranopia**  
505064



**Tritanopia**  
46545A

# Trichromacy



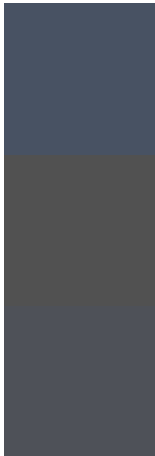
**Original Color**  
485263

**Protanomaly**  
4C5162

**Deuteranomaly**  
4D5164

**Tritanomaly**  
47535D

# Monochromacy



**Original Color**  
485263

**Achromatopsia**  
515151

**Achromatomaly**  
4E5158

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 485263 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 #485263 looks like.

```
.text, #text, p{  
    color:#485263  
}
```

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 #485263 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #485263  
}
```

## Border

The CSS property to change the border of an element to Hex 485263 is called "border". The border property can be set on classes, ids or directly on the HTML element.

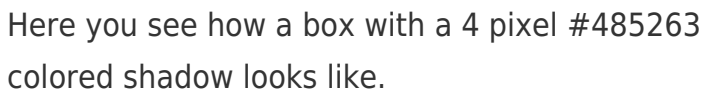
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#485263 }
```

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

```
.border{ border-color:#485263 }
```

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



Here you see how a box with a 4 pixel #485263 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #485263; -webkit-box-shadow:4px 4px  
4px 4px #485263; box-shadow:4px 4px 4px  
4px #485263 }
```

# Background

The CSS property to change the background color of an element to Hex 485263 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#485263 }
```

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

```
.background{ background-color:#485263 }
```

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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