

# Converting Colors

Hex(485556)

Have a look what the booklet for  
Hex(485556) contains.

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# Color

**Hex(485556)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	485556
RGB	72, 85, 86
RGB Percent	28%, 33%, 34%
CMY	0.7176, 0.6667, 0.6627
CMYK	0.16, 0.01, 0.00, 0.66
HSL	184°, 9%, 31%
HSV	184°, 16%, 34%
XYZ	7.6007, 8.5466, 10.0532
YIQ	81.2270, -8.0690, -2.4450

# Conversions

## Conversions Part 2

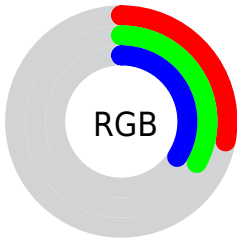
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	72, 79, 86
Decimal	4740438
CIE Lab	35.10, -4.83, -2.30
CIE LCh	35, 5.347, 205.453
Yxy	8.5466, 0.2901, 0.3262
Android (android.graphics.Color)	4282930518 (0xFF485556)
YUV	81.2270, 2.3531, -8.0921
Hunter-Lab	29.2346, -4.7523, 0.0756

# Details

The Hex color **485556** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **564948**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **798788**, and **1C2829** is the 20% darker color. If you saturate the color by 10%, you get **3F5456**, and if you desaturate by 10%, it is **515656**.

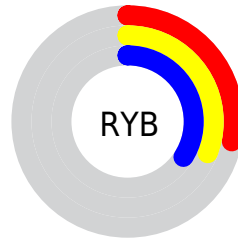
# Distribution



Red (28%)

Green (33%)

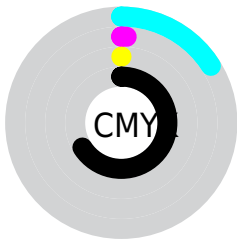
Blue (34%)



Red (28%)

Yellow (31%)

Blue (34%)

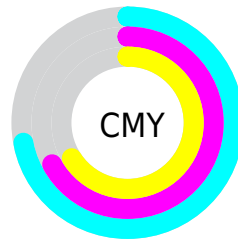


Cyan (16%)

Magenta (1%)

Yellow (0%)

Black (66%)



Cyan (72%)

Magenta (67%)

Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 485556 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 485556 by changing the saturation by 10% instead.





485556



485556

FFFFFF



313E3F



798788



1C2829



92A1A2



031415



ADBCBD



000000



C8D8D9



E5F4F5



485556



485556



3F5456



515656



375456



595656

■ 2E5356

■ 625756

■ 265356

■ 6A5756

■ 1D5256

■ 735856

■ 145156

■ 7C5956

■ 0C5156

■ 845956

■ 035056

■ 8D5A56

■ 005056

■ 955B56

# Harmonies

## Analogous

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



495552



485556



495459

# Triad

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



485556



585057



57524A

# Complementary

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



485556



564948

# 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.



5A514C



485556



5B5053

# Square

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



485556



53525A



5C504F



52534B

# Rectangle

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



485556



4C545B



5C504F



58524A



# Sweetspot

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



485556



6B7070



485649



353838



B8B8B8



383838



# Same Dimension

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



485556



5A6F70



484E56



272B2B



00636B



00DAEB



# Inverse Universe

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



564855



705A6F



565048



2B272B



6B0063



EB00DA



# Previews

## White Background



This preview shows how the Hex color 485556 looks on a white background.

## Color Contrast Check

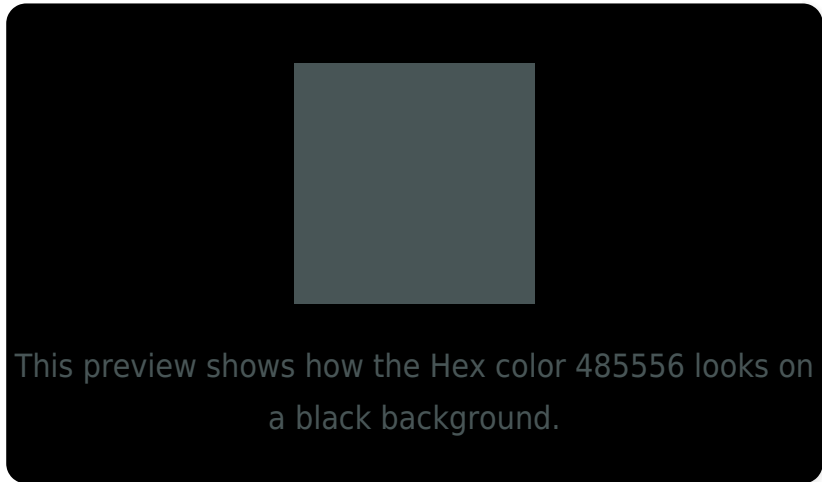
Large Text (above 18pt) WCAG AA ✓ Pass

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

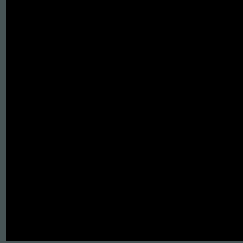
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

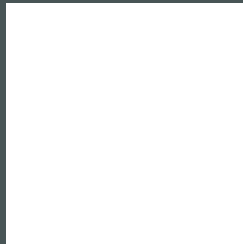
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 485556 Background



This preview shows how black text looks on a background with the Hex color 485556.



This preview shows how white text looks on a background with the Hex color 485556.

# 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**  
485556

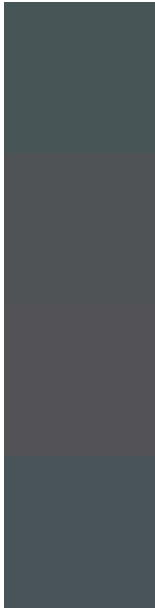
**Protanopia**  
535254

**Deuteranopia**  
585057



**Tritanopia**  
49545B

# Trichromacy



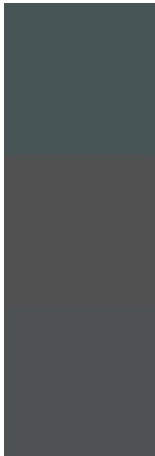
**Original Color**  
485556

**Protanomaly**  
4F5355

**Deuteranomaly**  
525257

**Tritanomaly**  
495459

# Monochromacy



**Original Color**  
485556

**Achromatopsia**  
515151

**Achromatomaly**  
4E5253

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 485556 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 #485556 looks like.

```
.text, #text, p{  
    color:#485556  
}
```

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 #485556 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #485556
}
```

## Border

The CSS property to change the border of an element to Hex 485556 is called "border". The border property can be set on classes, ids or directly on the HTML element.

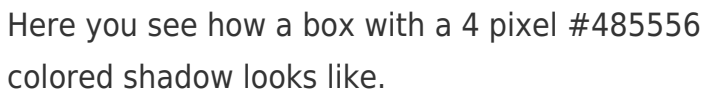
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#485556 }
```

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

```
.border{ border-color:#485556 }
```

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



Here you see how a box with a 4 pixel #485556 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #485556; -webkit-box-shadow:4px 4px  
4px 4px #485556; box-shadow:4px 4px 4px  
4px #485556 }
```

# Background

The CSS property to change the background color of an element to Hex 485556 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#485556 }
```

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

```
.background{ background-color:#485556 }
```

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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