

# Converting Colors

Hex(5E485E)

Have a look what the booklet for  
Hex(5E485E) contains.

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# Color

**Hex(5E485E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5E485E
RGB	94, 72, 94
RGB Percent	37%, 28%, 37%
CMY	0.6314, 0.7176, 0.6314
CMYK	0.00, 0.23, 0.00, 0.63
HSL	300°, 13%, 33%
HSV	300°, 23%, 37%
XYZ	8.9538, 7.8226, 11.6277
YIQ	81.0860, 6.0500, 11.5060

# Conversions

## Conversions Part 2

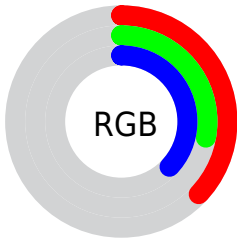
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	94, 72, 94
Decimal	6178910
CIE Lab	33.61, 13.67, -9.35
CIE LCh	34, 16.561, 325.619
Yxy	7.8226, 0.3152, 0.2754
Android (android.graphics.Color)	4284368990 (0xFF5E485E)
YUV	81.0860, 6.3666, 11.3256
Hunter-Lab	27.9688, 8.1988, -5.0708

# Details

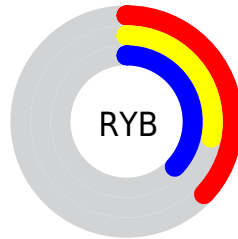
The Hex color **5E485E** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **485E48**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **917990**, and **301C30** is the 20% darker color. If you saturate the color by 10%, you get **5E3F5E**, and if you desaturate by 10%, it is **5E515E**.

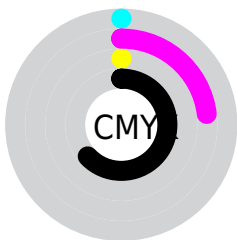
# Distribution



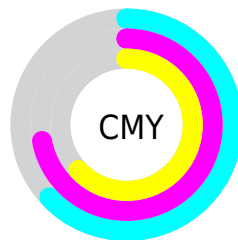
- Red (37%)
- Green (28%)
- Blue (37%)



- Red (37%)
- Yellow (28%)
- Blue (37%)



- Cyan (0%)
- Magenta (23%)
- Yellow (0%)
- Black (63%)



- Cyan (63%)
- Magenta (72%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5E485E 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 5E485E by changing the saturation by 10% instead.





5E485E



5E485E

FFFFFF



463146



917990



301C30



AB92AB



1C031B



C7ADC6



000000



E3C8E2



FFE5FF



5E485E



5E485E



5E3F5E



5E515E



5E355E



5E5B5E

■ 5E2C5E

■ 5E645E

■ 5E225E

■ 5E6E5E

■ 5E195E

■ 5E775E

■ 5E105E

■ 5E805E

■ 5E065E

■ 5E8A5E

■ 5E005E

■ 5E935E

■ 5E9D5E

# Harmonies

## Analogous

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



4E4C67



5E485E



674651

# Triad

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



5E485E



5A4E35



26565A

# Complementary

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



5E485E



485E48

# 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.



2F564D



5E485E



4D5237

# Square

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



5E485E



64493A



3D5540



2B5464

# Rectangle

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



5E485E



694549



3D5540



285656



# Sweetspot

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



5E485E



7A727A



48485E



3D383D



BDBDBD



3D3D3D



# Same Dimension

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



5E485E



7A587A



5E4853



2E292E



6E006E



ED00ED



# Inverse Universe

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



5E485E



7A587A



485E53



2E292E



6E006E

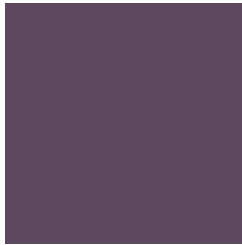


ED00ED



# Previews

## White Background



This preview shows how the Hex color 5E485E looks on a white background.

## Color Contrast Check

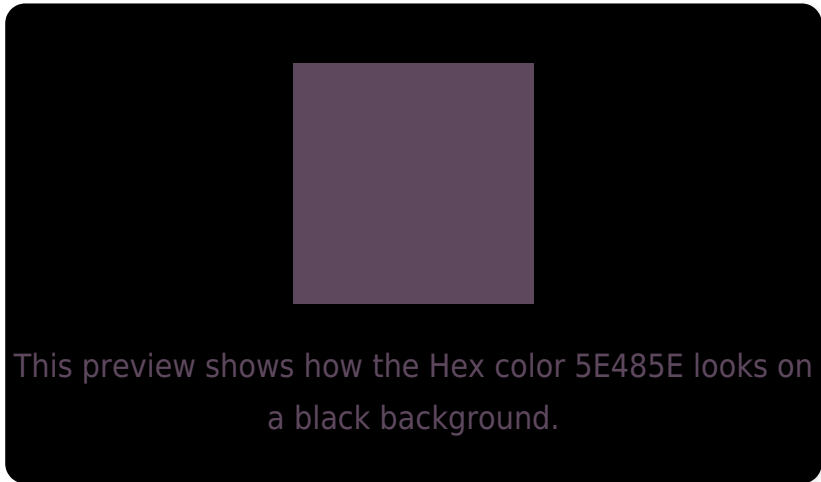
Large Text (above 18pt) WCAG AA ✓ Pass

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

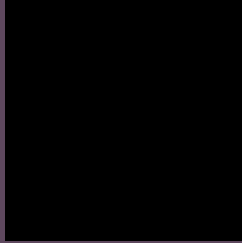
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5E485E Background



This preview shows how black text looks on a background with the Hex color 5E485E.

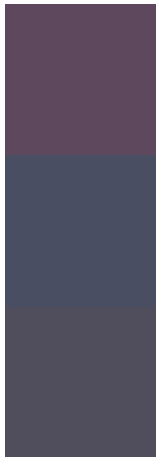


This preview shows how white text looks on a background with the Hex color 5E485E.

# 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**  
5E485E

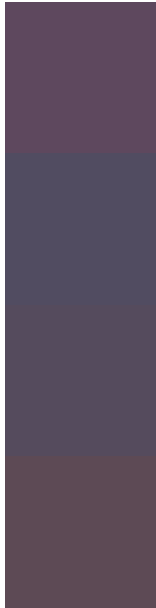
**Protanopia**  
4A4E62

**Deuteranopia**  
504D5D



**Tritanopia**  
5C4B50

# Trichromacy



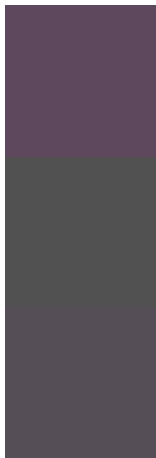
**Original Color**  
5E485E

**Protanomaly**  
514C61

**Deuteranomaly**  
554B5D

**Tritanomaly**  
5D4A55

# Monochromacy



**Original Color**  
5E485E

**Achromatopsia**  
515151

**Achromatomaly**  
564E56

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5E485E 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 #5E485E looks like.

```
.text, #text, p{  
    color:#5E485E  
}
```

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 #5E485E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E485E
}
```

## Border

The CSS property to change the border of an element to Hex 5E485E is called "border". The border property can be set on classes, ids or directly on the HTML element.

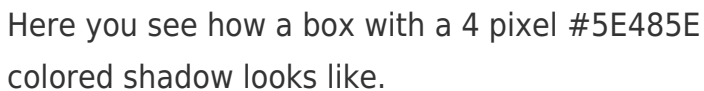
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5E485E }
```

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

```
.border{ border-color:#5E485E }
```

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



Here you see how a box with a 4 pixel #5E485E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E485E; -webkit-box-shadow:4px 4px  
4px 4px #5E485E; box-shadow:4px 4px 4px  
4px #5E485E }
```

# Background

The CSS property to change the background color of an element to Hex 5E485E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E485E }
```

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

```
.background{ background-color:#5E485E }
```

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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