

# Converting Colors

Hex(5E465A)

Have a look what the booklet for  
Hex(5E465A) contains.

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# Color

**Hex(5E465A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5E465A
RGB	94, 70, 90
RGB Percent	37%, 27%, 35%
CMY	0.6314, 0.7255, 0.6471
CMYK	0.00, 0.26, 0.04, 0.63
HSL	310°, 15%, 32%
HSV	310°, 26%, 37%
XYZ	8.6517, 7.4982, 10.6642
YIQ	79.4560, 7.8840, 11.3080

# Conversions

## Conversions Part 2

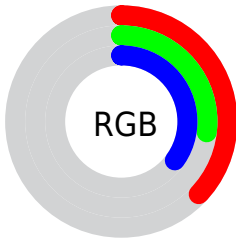
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	94, 70, 90
Decimal	6178394
CIE Lab	32.92, 14.08, -7.85
CIE LCh	33, 16.120, 330.842
Yxy	7.4982, 0.3227, 0.2796
Android (android.graphics.Color)	4284368474 (0xFF5E465A)
YUV	79.4560, 5.1982, 12.7551
Hunter-Lab	27.3828, 8.4779, -3.9223

# Details

The Hex color **5E465A** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **465E4A**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **91778C**, and **2F1A2C** is the 20% darker color. If you saturate the color by 10%, you get **5E3D58**, and if you desaturate by 10%, it is **5E4F5C**.

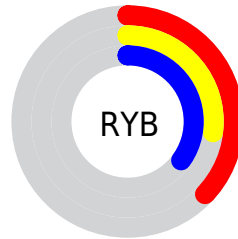
# Distribution



Red (37%)

Green (27%)

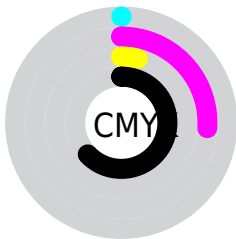
Blue (35%)



Red (37%)

Yellow (27%)

Blue (35%)

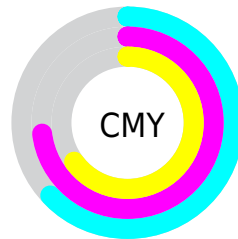


Cyan (0%)

Magenta (26%)

Yellow (4%)

Black (63%)



Cyan (63%)

Magenta (73%)

Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5E465A 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 5E465A by changing the saturation by 10% instead.





5E465A



5E465A

FFFFFF



462F43



91778C



2F1A2C



AB90A6



1C0018



C7ABC2



000000



E3C6DD



FFE2FA



5E465A



5E465A



5E3D58



5E4F5C



5E3357



5E595D

■ 5E2A55

■ 5E625F

■ 5E2054

■ 5E6C60

■ 5E1752

■ 5E7562

■ 5E0E51

■ 5E7E63

■ 5E044F

■ 5E8865

■ 5E004E

■ 5E9167

■ 5E9B68

# Harmonies

## Analogous

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



504A63



5E465A



66444E

# Triad

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



5E465A



564D34



26545A

# Complementary

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



5E465A



465E4A

# 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.



2C544D



5E465A



495137

# Square

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



5E465A



614838



3A5341



2D5263

# Rectangle

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



5E465A



674445



3A5341



275456



# Sweetspot

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



5E465A



7A7179



4A465E



3D373C



BDBDBD



3D3D3D



# Same Dimension

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



5E465A



7A5474



5E464E



2E292D



6E005B



ED00C6



# Inverse Universe

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



5E465A



7A5474



465E56



2E292D



6E005B



ED00C6



# Previews

## White Background



This preview shows how the Hex color 5E465A looks on a white background.

## Color Contrast Check

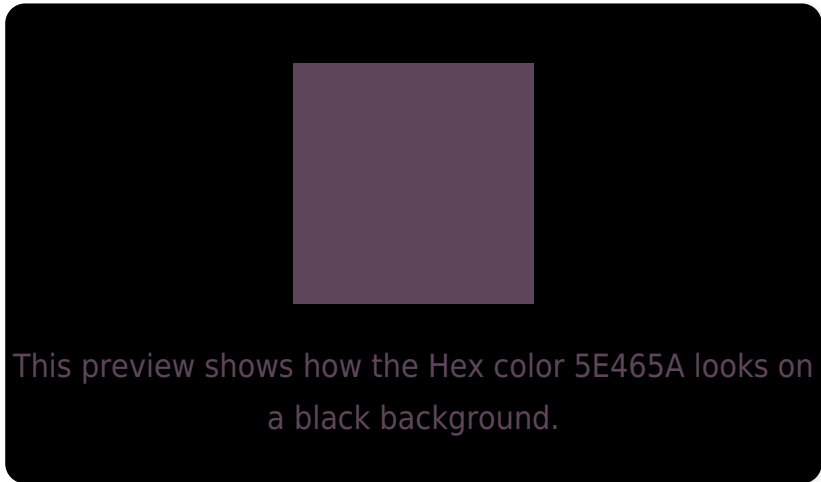
Large Text (above 18pt) WCAG AA ✓ Pass

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

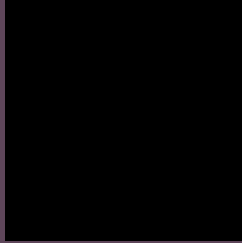
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5E465A Background



This preview shows how black text looks on a background with the Hex color 5E465A.



This preview shows how white text looks on a background with the Hex color 5E465A.

# 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**  
5E465A

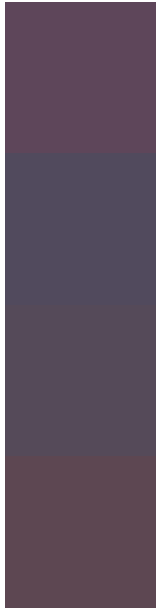
**Protanopia**  
4A4D5F

**Deuteranopia**  
504C59



**Tritanopia**  
5C484E

# Trichromacy



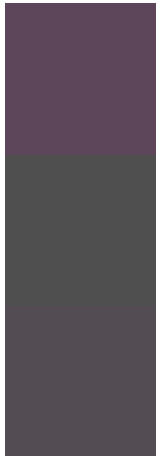
**Original Color**  
5E465A

**Protanomaly**  
514A5D

**Deuteranomaly**  
554A59

**Tritanomaly**  
5D4752

# Monochromacy



**Original Color**  
5E465A

**Achromatopsia**  
4F4F4F

**Achromatomaly**  
544C53

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5E465A 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 #5E465A looks like.

```
.text, #text, p{  
    color:#5E465A  
}
```

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 #5E465A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E465A
}
```

## Border

The CSS property to change the border of an element to Hex 5E465A is called "border". The border property can be set on classes, ids or directly on the HTML element.

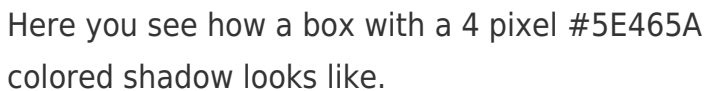
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5E465A }
```

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

```
.border{ border-color:#5E465A }
```

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



Here you see how a box with a 4 pixel #5E465A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E465A; -webkit-box-shadow:4px 4px  
4px 4px #5E465A; box-shadow:4px 4px 4px  
4px #5E465A }
```

# Background

The CSS property to change the background color of an element to Hex 5E465A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E465A }
```

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

```
.background{ background-color:#5E465A }
```

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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