

# Converting Colors

Hex(5F584A)

Have a look what the booklet for  
Hex(5F584A) contains.

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# Color

**Hex(5F584A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5F584A
RGB	95, 88, 74
RGB Percent	37%, 35%, 29%
CMY	0.6275, 0.6549, 0.7098
CMYK	0.00, 0.07, 0.22, 0.63
HSL	40°, 12%, 33%
HSV	40°, 22%, 37%
XYZ	9.4451, 9.9068, 7.8930
YIQ	88.4970, 8.6660, -2.8700

# Conversions

## Conversions Part 2

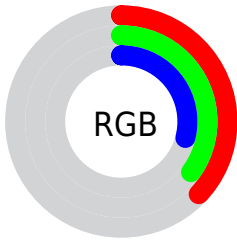
Format	Color
R <sub>Y</sub> B	85, 95, 74
Decimal	6248522
CIE Lab	37.67, 0.24, 9.15
CIE LCh	38, 9.154, 88.515
Yxy	9.9068, 0.3467, 0.3636
Android (android.graphics.Color)	4284438602 (0xFF5F584A)
YUV	88.4970, -7.1470, 5.7031
Hunter-Lab	31.4750, -1.5167, 7.1644

# Details

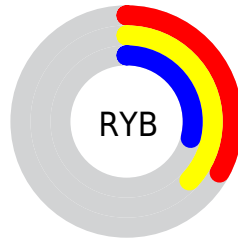
The Hex color **5F584A** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **4A515F**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **928A7B**, and **312B1E** is the 20% darker color. If you saturate the color by 10%, you get **5F5541**, and if you desaturate by 10%, it is **5F5B54**.

# Distribution



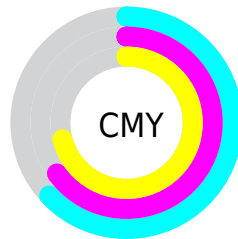
- Red (37%)
- Green (35%)
- Blue (29%)



- Red (33%)
- Yellow (37%)
- Blue (29%)



- Cyan (0%)
- Magenta (7%)
- Yellow (22%)
- Black (63%)



- Cyan (63%)
- Magenta (65%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5F584A 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 5F584A by changing the saturation by 10% instead.





5F584A



5F584A

FFFFFF



474133



928A7B



312B1E



ACA494



1C1606



C8BFAF



000000



E4DBCB



FFF7E7



5F584A



5F584A



5F5541



5F5B54



5F5237



5F5E5D

■ 5F4E2E

■ 5F6267

■ 5F4B24

■ 5F6570

■ 5F481A

■ 5F687A

■ 5F4511

■ 5F6B83

■ 5F4208

■ 5F6E8D

■ 5F3F00

■ 5F7196

■ 5F75A0

# Harmonies

## Analogous

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



65564C



5F584A



575A4C

# Triad

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



5F584A



455D5F



625560

# Complementary

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



5F584A



4A515F

# 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.



5A5766



5F584A



495C65

# Square

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



5F584A



485D58



505967



675459

# Rectangle

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



5F584A



515C4F



505967



605562



# Sweetspot

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



5F584A



7A7872



5F4A51



3D3C38



BDBDBD



3D3D3D



# Same Dimension

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



5F584A



7A6F59



5C5F4A



302F2C



704B00



F0A000



# Inverse Universe

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



4A515F



59647A



4E4A5F



2C2D30



002570



0050F0



# Previews

## White Background



This preview shows how the Hex color 5F584A looks on a white background.

## Color Contrast Check

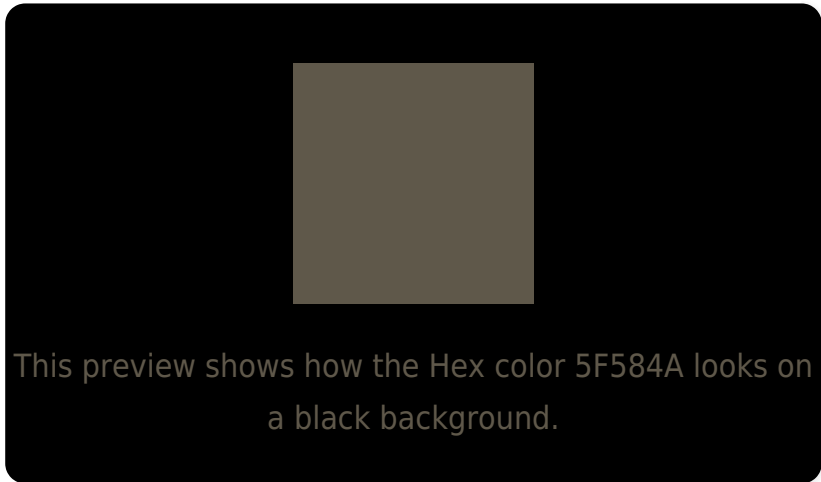
Large Text (above 18pt) WCAG AA ✓ Pass

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

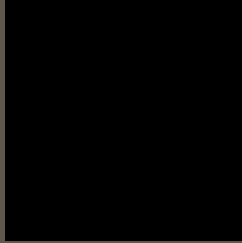
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5F584A Background



This preview shows how black text looks on a background with the Hex color 5F584A.

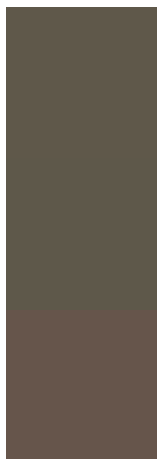


This preview shows how white text looks on a background with the Hex color 5F584A.

# 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**


5F584A

**Protanopia**

5E584A

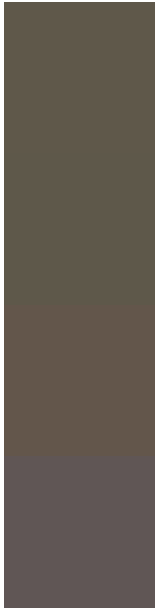
**Deuteranopia**

66554B



**Tritanopia**  
61555C

# Trichromacy



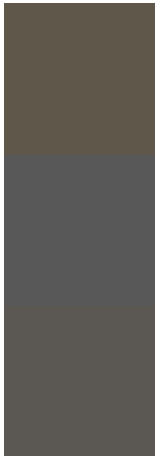
**Original Color**  
5F584A

**Protanomaly**  
5E584A

**Deuteranomaly**  
63564B

**Tritanomaly**  
605655

# Monochromacy



**Original Color**  
5F584A

**Achromatopsia**  
585858

**Achromatomaly**  
5B5853

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5F584A 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 #5F584A looks like.

```
.text, #text, p{  
    color:#5F584A  
}
```

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 #5F584A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F584A
}
```

## Border

The CSS property to change the border of an element to Hex 5F584A is called "border". The border property can be set on classes, ids or directly on the HTML element.

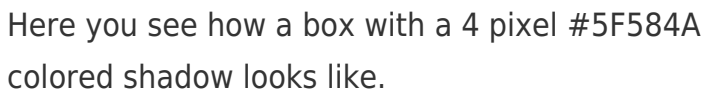
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5F584A }
```

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

```
.border{ border-color:#5F584A }
```

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



Here you see how a box with a 4 pixel #5F584A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F584A; -webkit-box-shadow:4px 4px  
4px 4px #5F584A; box-shadow:4px 4px 4px  
4px #5F584A }
```

# Background

The CSS property to change the background color of an element to Hex 5F584A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F584A }
```

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

```
.background{ background-color:#5F584A }
```

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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