

# Converting Colors

Hex(5F4859)

Have a look what the booklet for  
Hex(5F4859) contains.

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# Color

**Hex(5F4859)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5F4859
RGB	95, 72, 89
RGB Percent	37%, 28%, 35%
CMY	0.6275, 0.7176, 0.6510
CMYK	0.00, 0.24, 0.06, 0.63
HSL	316°, 14%, 33%
HSV	316°, 24%, 37%
XYZ	8.8399, 7.7889, 10.4887
YIQ	80.8150, 8.2510, 10.1630

# Conversions

## Conversions Part 2

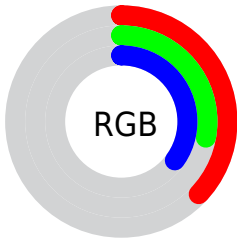
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	95, 72, 89
Decimal	6244441
CIE Lab	33.54, 13.01, -6.27
CIE LCh	34, 14.438, 334.263
Yxy	7.7889, 0.3260, 0.2872
Android (android.graphics.Color)	4284434521 (0xFF5F4859)
YUV	80.8150, 4.0352, 12.4402
Hunter-Lab	27.9086, 7.6986, -2.7465

# Details

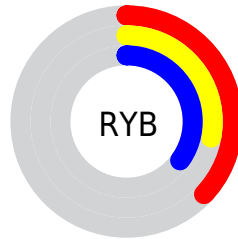
The Hex color **5F4859** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **485F4E**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **92798B**, and **301C2C** is the 20% darker color. If you saturate the color by 10%, you get **5F3F57**, and if you desaturate by 10%, it is **5F525B**.

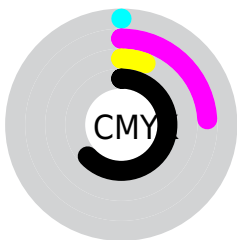
# Distribution



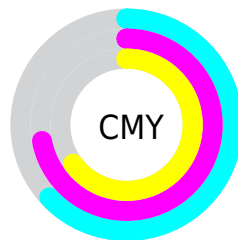
- Red (37%)
- Green (28%)
- Blue (35%)



- Red (37%)
- Yellow (28%)
- Blue (35%)



- Cyan (0%)
- Magenta (24%)
- Yellow (6%)
- Black (63%)



- Cyan (63%)
- Magenta (72%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5F4859 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 5F4859 by changing the saturation by 10% instead.





5F4859



5F4859

FFFFFF



473142



92798B



301C2C



AC92A5



1D0317



C8ADC0



000000



E4C8DC



FFE5F9



5F4859



5F4859



5F3F57



5F525B



5F3554



5F5B5E

■ 5F2C52

■ 5F6560

■ 5F224F

■ 5F6E63

■ 5F184D

■ 5F7865

■ 5F0F4A

■ 5F8168

■ 5F0548

■ 5F8B6A

■ 5F0046

■ 5F946D

■ 5F9E6F

# Harmonies

## Analogous

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



534B62



5F4859



65474E

# Triad

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



5F4859



564F38



2D555B

# Complementary

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



5F4859



485F4E

# 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.



315550



5F4859



49523C

# Square

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



5F4859



604B3B



3C5445



345363

# Rectangle

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



5F4859



664746



3C5445



2D5558



# Sweetspot

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



5F4859



7A7278



4E485F



3D383C



BDBDBD



3D3D3D



# Same Dimension

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



5F4859



7A5771



5F484E



302C2F



700053



F000B1



# Inverse Universe

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



5F4859



7A5771



485F59



302C2F



700053



F000B1



# Previews

## White Background



This preview shows how the Hex color 5F4859 looks on a white background.

## Color Contrast Check

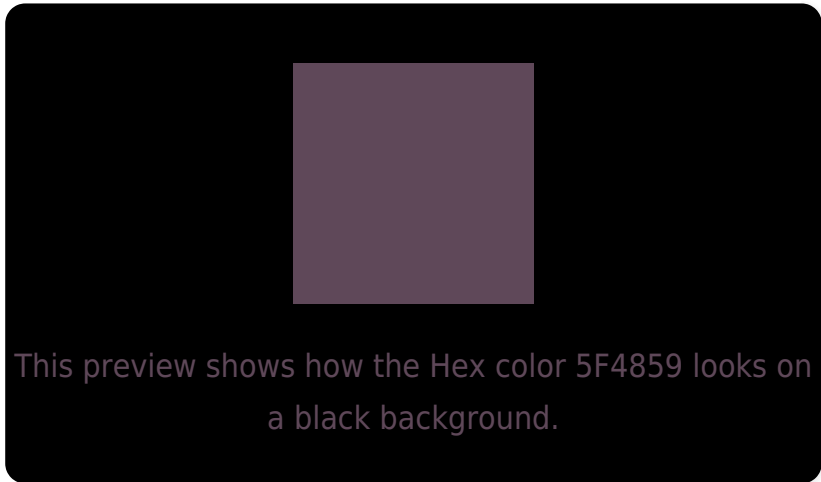
Large Text (above 18pt) WCAG AA ✓ Pass

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

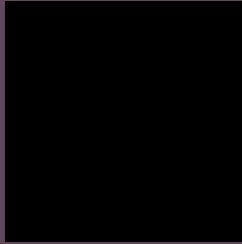
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5F4859 Background



This preview shows how black text looks on a background with the Hex color 5F4859.

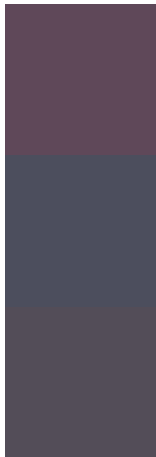


This preview shows how white text looks on a background with the Hex color 5F4859.

# 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**  
5F4859

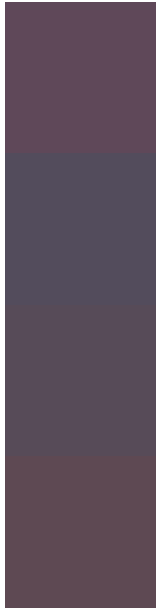
**Protanopia**  
4C4E5D

**Deuteranopia**  
534D58



**Tritanopia**  
5E4A4F

# Trichromacy



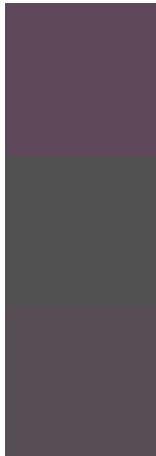
**Original Color**  
5F4859

**Protanomaly**  
534C5C

**Deuteranomaly**  
574B58

**Tritanomaly**  
5E4953

# Monochromacy



**Original Color**  
5F4859

**Achromatopsia**  
515151

**Achromatomaly**  
564E54

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5F4859 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 #5F4859 looks like.

```
.text, #text, p{  
    color:#5F4859  
}
```

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 #5F4859 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F4859
}
```

## Border

The CSS property to change the border of an element to Hex 5F4859 is called "border". The border property can be set on classes, ids or directly on the HTML element.

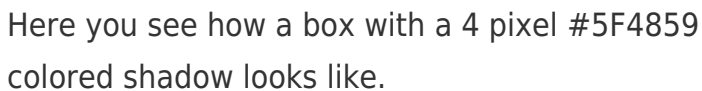
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5F4859 }
```

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

```
.border{ border-color:#5F4859 }
```

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



Here you see how a box with a 4 pixel #5F4859 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F4859; -webkit-box-shadow:4px 4px  
4px 4px #5F4859; box-shadow:4px 4px 4px  
4px #5F4859 }
```

# Background

The CSS property to change the background color of an element to Hex 5F4859 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F4859 }
```

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

```
.background{ background-color:#5F4859 }
```

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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