

# Converting Colors

Hex(5D4758)

Have a look what the booklet for  
Hex(5D4758) contains.

<b>Hex(5D4758)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(5D4758)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5D4758
RGB	93, 71, 88
RGB Percent	36%, 28%, 35%
CMY	0.6353, 0.7216, 0.6549
CMYK	0.00, 0.24, 0.05, 0.64
HSL	314°, 13%, 32%
HSV	314°, 24%, 36%
XYZ	8.5289, 7.5382, 10.2380
YIQ	79.5160, 7.6550, 9.9510

# Conversions

## Conversions Part 2

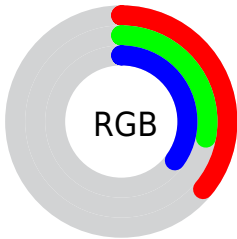
<b>Format</b>	<b>Color</b>
<b>RYB</b>	93, 71, 88
Decimal	6113112
CIELab	33.00, 12.63, -6.46
CIELCh	33, 14.189, 332.919
Yxy	7.5382, 0.3242, 0.2866
Android (android.graphics.Color)	4284303192 (0xFF5D4758)
YUV	79.5160, 4.1826, 11.8255
Hunter-Lab	27.4558, 7.4017, -2.8896

# Details

The Hex color **5D4758** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **475D4C**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **90788A**, and **2F1B2B** is the 20% darker color. If you saturate the color by 10%, you get **5D3E56**, and if you desaturate by 10%, it is **5D505A**.

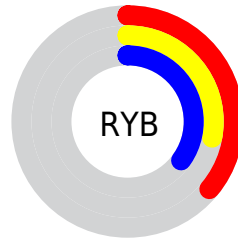
# Distribution



 Red (36%)

 Green (28%)

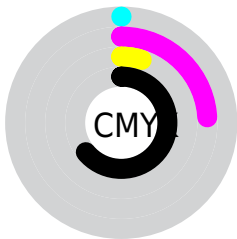
 Blue (35%)



 Red (36%)

 Yellow (28%)

 Blue (35%)

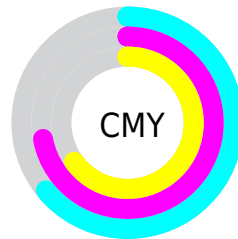


 Cyan (0%)

 Magenta (24%)

 Yellow (5%)

 Black (64%)



 Cyan (64%)

 Magenta (72%)

 Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5D4758 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 5D4758 by changing the saturation by 10% instead.





5D4758



5D4758

FFFFFF



453041



90788A



2F1B2B



AA91A4



1B0216



C5ACBF



000000



E2C7DB



FEE3F8



5D4758



5D4758



5D3E56



5D505A



5D3454



5D5A5C

■ 5D2B52

■ 5D635E

■ 5D2250

■ 5D6C60

■ 5D184D

■ 5D7663

■ 5D0F4B

■ 5D7F65

■ 5D0649

■ 5D8867

■ 5D0048

■ 5D9169

■ 5D9B6B

# Harmonies

## Analogous

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



514A60



5D4758



64454D

# Triad

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



5D4758



554D37



2D5359

# Complementary

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



5D4758



475D4C

# 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.



31544E



5D4758



49513B

# Square

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



5D4758



5E493A



3C5343



335261

# Rectangle

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



5D4758



644645



3C5343



2D5456



# Sweetspot

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



5D4758



786F76



4C475D



3D383C



BDBDBD



3D3D3D



# Same Dimension

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



5D4758



785670



5D474D



2E292D



6E0055



ED00B7



# Inverse Universe

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



5D4758



785670



475D57



2E292D



6E0055



ED00B7



# Previews

## White Background



This preview shows how the Hex color 5D4758 looks on a white background.

## Color Contrast Check

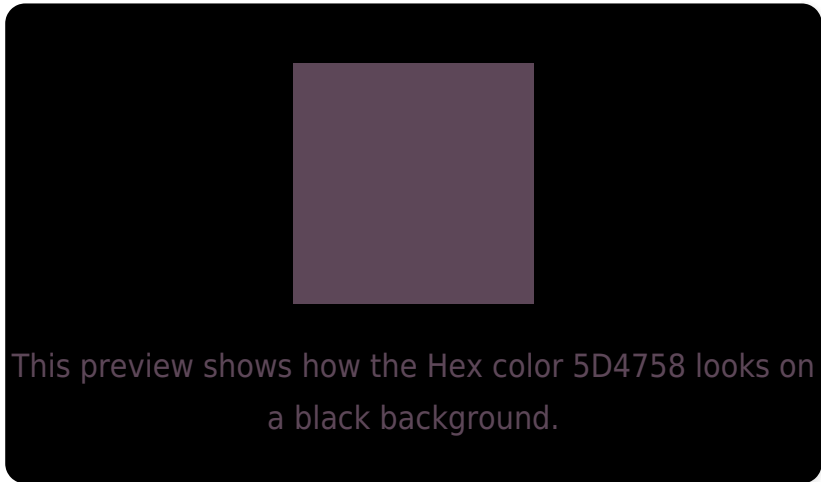
Large Text (above 18pt) WCAG AA ✓ Pass

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

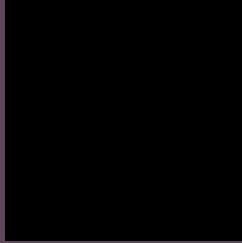
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5D4758 Background



This preview shows how black text looks on a background with the Hex color 5D4758.

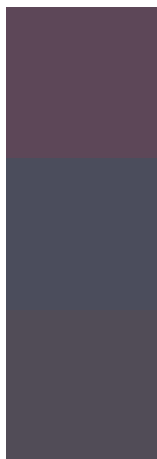


This preview shows how white text looks on a background with the Hex color 5D4758.

# 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](#).

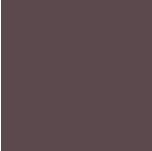
## Dichromacy



**Original Color**  
5D4758

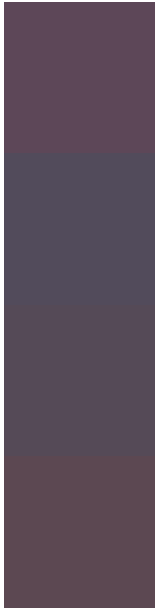
**Protanopia**  
4B4D5C

**Deuteranopia**  
514C57



**Tritanopia**  
5C494E

# Trichromacy



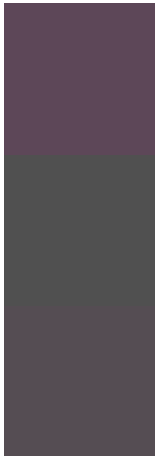
**Original Color**  
5D4758

**Protanomaly**  
524B5B

**Deuteranomaly**  
554A57

**Tritanomaly**  
5C4852

# Monochromacy



**Original Color**  
5D4758

**Achromatopsia**  
505050

**Achromatomaly**  
554D53

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5D4758 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 #5D4758 looks like.

```
.text, #text, p{  
    color:#5D4758  
}
```

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 #5D4758 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D4758
}
```

## Border

The CSS property to change the border of an element to Hex 5D4758 is called "border". The border property can be set on classes, ids or directly on the HTML element.

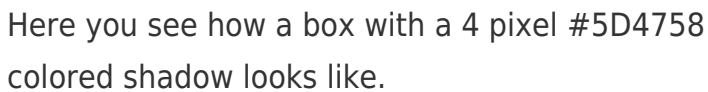
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5D4758 }
```

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

```
.border{ border-color:#5D4758 }
```

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



Here you see how a box with a 4 pixel #5D4758 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D4758; -webkit-box-shadow:4px 4px  
4px 4px #5D4758; box-shadow:4px 4px 4px  
4px #5D4758 }
```

# Background

The CSS property to change the background color of an element to Hex 5D4758 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D4758 }
```

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

```
.background{ background-color:#5D4758 }
```

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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