

# Converting Colors

Hex(576F61)

Have a look what the booklet for  
Hex(576F61) contains.

<b>Hex(576F61)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(576F61)**

# Conversions

## Conversions Part 1

Format	Color
Hex	576F61
RGB	87, 111, 97
RGB Percent	34%, 44%, 38%
CMY	0.6588, 0.5647, 0.6196
CMYK	0.22, 0.00, 0.13, 0.56
HSL	145°, 12%, 39%
HSV	145°, 22%, 44%
XYZ	11.7726, 14.2582, 13.4409
YIQ	102.2280, -9.8100, -9.4420

# Conversions

## Conversions Part 2

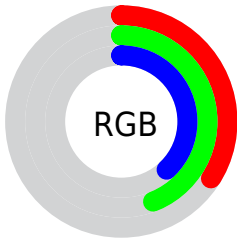
<b>Format</b>	<b>Color</b>
<b>RYB</b>	87, 104, 111
Decimal	5730145
CIELab	44.60, -11.97, 4.90
CIELCh	45, 12.937, 157.738
Yxy	14.2582, 0.2983, 0.3612
Android (android.graphics.Color)	4283920225 (0xFF576F61)
YUV	102.2280, -2.5774, -13.3550
Hunter-Lab	37.7600, -10.4284, 5.3274

# Details

The Hex color **576F61** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6F5765**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **89A394**, and **293F33** is the 20% darker color. If you saturate the color by 10%, you get **4C6F5B**, and if you desaturate by 10%, it is **626F67**.

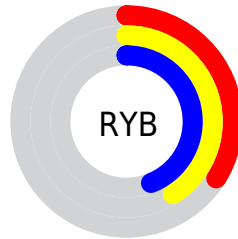
# Distribution



Red (34%)

Green (44%)

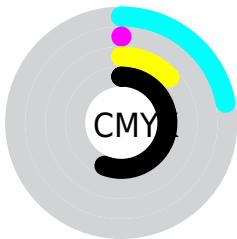
Blue (38%)



Red (34%)

Yellow (41%)

Blue (44%)

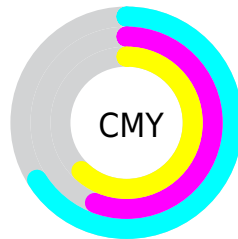


Cyan (22%)

Magenta (0%)

Yellow (13%)

Black (56%)



Cyan (66%)

Magenta (56%)

Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 576F61 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 576F61 by changing the saturation by 10% instead.





576F61



576F61

FFFFFF



3F5749



89A394



293F33



A4BEAE



14291E



BFDACA



001604



DBF6E6



000000



F7FFFF



576F61



576F61



4C6F5B



626F67



416F54



6D6F6E

■ 366F4E

■ 786F74

■ 2B6F47

■ 836F7B

■ 206F41

■ 8F6F81

■ 146F3A

■ 9A6F88

■ 096F34

■ A56F8E

■ 006F2E

■ B06F95

■ BB6F9B

# Harmonies

## Analogous

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



636D58



576F61



4E706C

# Triad

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



576F61



61697F



7F635D

# Complementary

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



576F61



6F5765

# 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.



806267



576F61



6F667B

# Square

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



576F61



546D7D



7A6372



796656

# Rectangle

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



576F61



4C6F73



7A6372



806360



# Sweetspot

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



576F61



89918C



656F57



454A47



C9C9C9



4A4A4A



# Same Dimension

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



576F61



6C917B



576F6D



323835



007832



00F767



# Inverse Universe

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



6F5765



916C82



6F5759



383236



780046



F70090



# Previews

## White Background



This preview shows how the Hex color 576F61 looks on a white background.

## Color Contrast Check

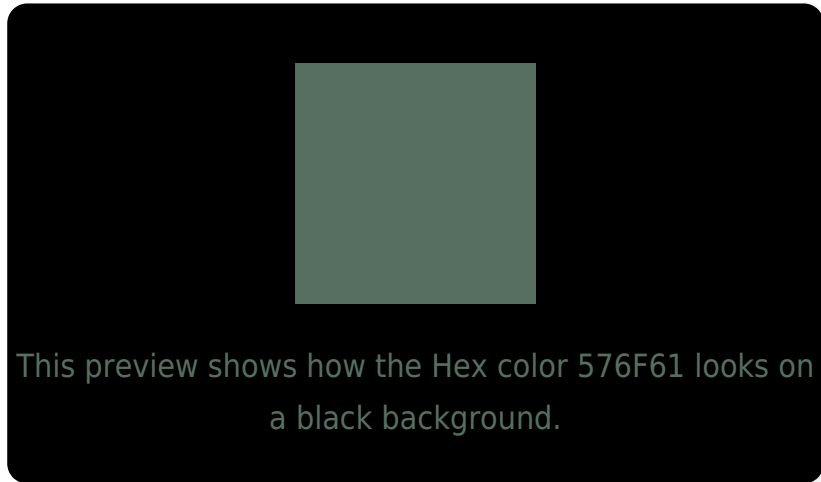
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

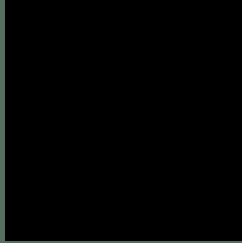
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 576F61 Background



This preview shows how black text looks on a background with the Hex color 576F61.



This preview shows how white text looks on a background with the Hex color 576F61.

# 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](#).

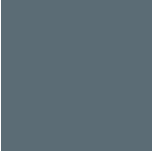
## Dichromacy



**Original Color**  
576F61

**Protanopia**  
6E695E

**Deuteranopia**  
766663



**Tritanopia**  
5B6C75

# Trichromacy



**Original Color**  
576F61

**Protanomaly**  
666B5F

**Deuteranomaly**  
6B6962

**Tritanomaly**  
5A6D6E

# Monochromacy



**Original Color**  
576F61

**Achromatopsia**  
666666

**Achromatomaly**  
616964

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 576F61 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 #576F61 looks like.

```
.text, #text, p{  
    color:#576F61  
}
```

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 #576F61 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #576F61  
}
```

## Border

The CSS property to change the border of an element to Hex 576F61 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  
#576F61 }
```

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

```
.border{ border-color:#576F61 }
```

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

Here you see how a box with a 4 pixel #576F61 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #576F61; -webkit-box-shadow:4px 4px  
4px 4px #576F61; box-shadow:4px 4px 4px  
4px #576F61 }
```

# Background

The CSS property to change the background color of an element to Hex 576F61 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#576F61 }
```

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

```
.background{ background-color:#576F61 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor