

# Converting Colors

Hex(576B5E)

Have a look what the booklet for  
Hex(576B5E) contains.

<b>Hex(576B5E)</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(576B5E)

# Conversions

## Conversions Part 1

Format	Color
Hex	576B5E
RGB	87, 107, 94
RGB Percent	34%, 42%, 37%
CMY	0.6588, 0.5804, 0.6314
CMYK	0.19, 0.00, 0.12, 0.58
HSL	141°, 10%, 38%
HSV	141°, 19%, 42%
XYZ	11.2086, 13.3498, 12.5757
YIQ	99.5380, -7.7470, -8.2830

# Conversions

## Conversions Part 2

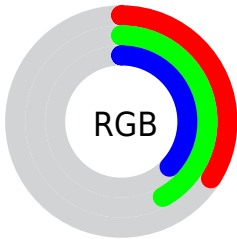
<b>Format</b>	<b>Color</b>
<b>RYB</b>	87, 102, 107
Decimal	5729118
CIELab	43.29, -10.35, 4.82
CIELCh	43, 11.415, 155.037
Yxy	13.3498, 0.3018, 0.3595
Android (android.graphics.Color)	4283919198 (0xFF576B5E)
YUV	99.5380, -2.7302, -10.9958
Hunter-Lab	36.5373, -9.1820, 5.1693

# Details

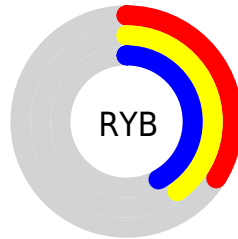
The Hex color **576B5E** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6B5764**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **899E90**, and **293C30** is the 20% darker color. If you saturate the color by 10%, you get **4C6B57**, and if you desaturate by 10%, it is **626B65**.

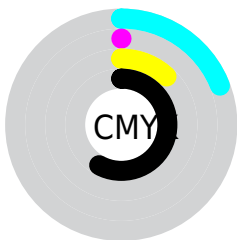
# Distribution



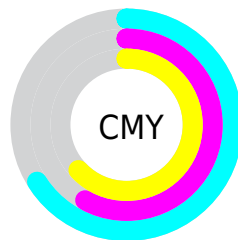
- Red (34%)
- Green (42%)
- Blue (37%)



- Red (34%)
- Yellow (40%)
- Blue (42%)



- Cyan (19%)
- Magenta (0%)
- Yellow (12%)
- Black (58%)



- Cyan (66%)
- Magenta (58%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 576B5E 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 576B5E by changing the saturation by 10% instead.





576B5E



576B5E

FFFFFF



405346



899E90



293C30



A3B9AB



14261B



BFD5C6



001200



DAF1E2



000000



F7FFFF



576B5E



576B5E



4C6B57



626B65



426B50



6C6B6C

■ 376B49

■ 776B73

■ 2C6B42

■ 826B7A

■ 226B3B

■ 8D6B81

■ 176B34

■ 976B88

■ 0C6B2D

■ A26B8F

■ 016B26

■ AD6B96

■ 006B25

■ B76B9D

# Harmonies

## Analogous

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



616957



576B5E



4F6C68

# Triad

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



576B5E



5E6779



7A615C

# Complementary

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



576B5E



6B5764

# 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.



7A6065



576B5E



6A6376

# Square

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



576B5E



536977



74616E



756355

# Rectangle

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



576B5E



4D6C6E



74616E



7A605F



# Sweetspot

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



576B5E



848C87



646B57



424744



C7C7C7



474747



# Same Dimension

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



576B5E



6D8C78



576B68



303632



007529



00F556



# Inverse Universe

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



6B5764



8C6D81



6B575A



363034



75004C



F5009F



# Previews

## White Background



This preview shows how the Hex color 576B5E looks on a white background.

## Color Contrast Check

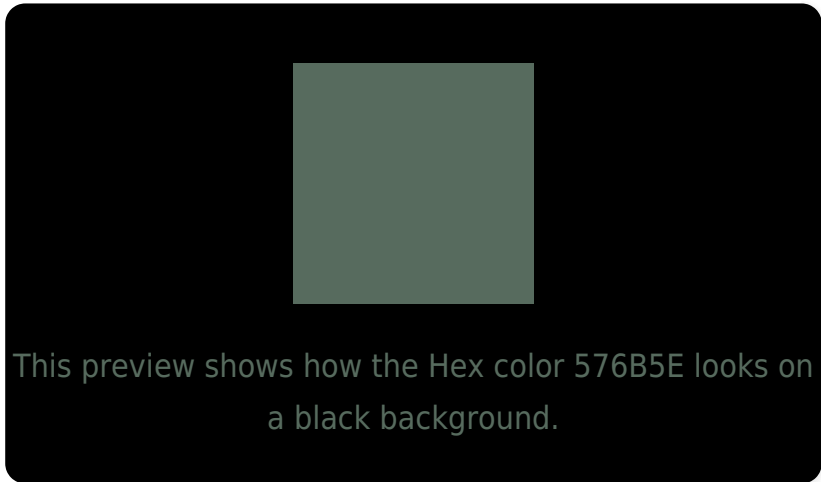
Large Text (above 18pt) WCAG AA ✓ Pass

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

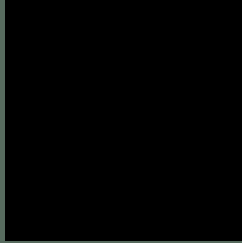
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 576B5E Background



This preview shows how black text looks on a background with the Hex color 576B5E.



This preview shows how white text looks on a background with the Hex color 576B5E.

# 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](#).

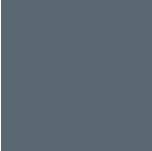
## Dichromacy



**Original Color**  
576B5E

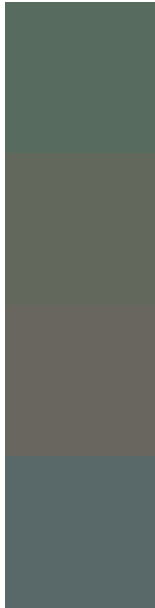
**Protanopia**  
6A665B

**Deuteranopia**  
726360



**Tritanopia**  
5A6871

# Trichromacy



**Original Color**  
576B5E

**Protanomaly**  
63685C

**Deuteranomaly**  
68665F

**Tritanomaly**  
59696A

# Monochromacy



**Original Color**  
576B5E

**Achromatopsia**  
646464

**Achromatomaly**  
5F6762

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 576B5E 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 #576B5E looks like.

```
.text, #text, p{  
    color:#576B5E  
}
```

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 #576B5E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #576B5E
}
```

## Border

The CSS property to change the border of an element to Hex 576B5E is called "border". The border property can be set on classes, ids or directly on the HTML element.

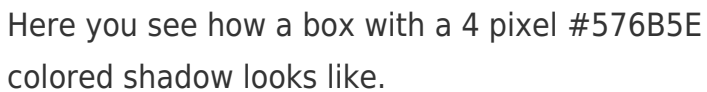
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#576B5E }
```

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

```
.border{ border-color:#576B5E }
```

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



Here you see how a box with a 4 pixel #576B5E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #576B5E; -webkit-box-shadow:4px 4px  
4px 4px #576B5E; box-shadow:4px 4px 4px  
4px #576B5E }
```

# Background

The CSS property to change the background color of an element to Hex 576B5E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#576B5E }
```

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

```
.background{ background-color:#576B5E }
```

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