

Converting Colors

Hex(587C64)

Have a look what the booklet for
Hex(587C64) contains.

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Color

Hex(587C64)

Conversions

Conversions Part 1

Format	Color
Hex	587C64
RGB	88, 124, 100
RGB Percent	35%, 49%, 39%
CMY	0.6549, 0.5137, 0.6078
CMYK	0.29, 0.00, 0.19, 0.51
HSL	140°, 17%, 42%
HSV	140°, 29%, 49%
XYZ	13.5324, 17.4101, 14.7038
YIQ	110.5000, -13.7520, -15.0960

Conversions

Conversions Part 2

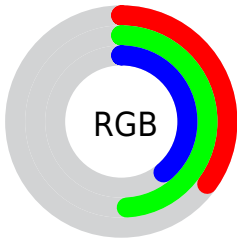
Format	Color
R_{YB}	88, 115, 124
Decimal	5799012
CIE _{Lab}	48.77, -18.11, 9.07
CIE _{LCh}	49, 20.251, 153.400
Y _{xy}	17.4101, 0.2965, 0.3814
Android (android.graphics.Color)	4283989092 (0xFF587C64)
YUV	110.5000, -5.1765, -19.7325
Hunter-Lab	41.7254, -15.1283, 8.3143

Details

The Hex color **587C64** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7C5870**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **8BB197**, and **294B35** is the 20% darker color. If you saturate the color by 10%, you get **4C7C5C**, and if you desaturate by 10%, it is **647C6C**.

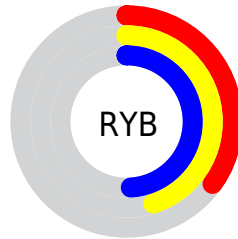
Distribution



Red (35%)

Green (49%)

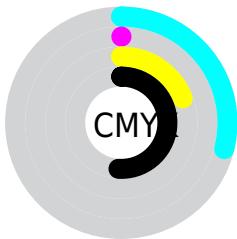
Blue (39%)



Red (35%)

Yellow (45%)

Blue (49%)

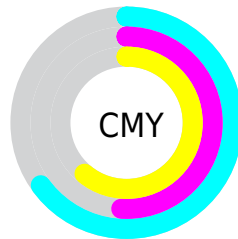


Cyan (29%)

Magenta (0%)

Yellow (19%)

Black (51%)



Cyan (65%)

Magenta (51%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 587C64 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 587C64 by changing the saturation by 10% instead.



587C64



587C64

FFFFFF



40634C



8BB197



294B35



A5CCB2



123420



C1E8CD



001F09



DDFFE9



000000



FAAAAA



587C64



587C64



4C7C5C



647C6C



3F7C53



717C75

■ 337C4B

■ 7D7C7D

■ 267C43

■ 8A7C85

■ 1A7C3B

■ 967C8D

■ 0E7C32

■ A27C96

■ 017C2A

■ AF7C9E

■ 007C29

■ BB7CA6

■ C87CAE

Harmonies

Analogous

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



6C7857



587C64



477D75

Triad

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



587C64



617596



966962

Complementary

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



587C64



7C5870

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.



956772



587C64



796F90

Square

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



587C64



4B7A92



8C6A84



8D6E56

Rectangle

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



587C64



407D81



8C6A84



976867

Sweetspot

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



587C64



92A197



707C58



49524C



D1D1D1



525252

Same Dimension

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



587C64



68A17B



587C76



373D39



007D2A



00FC54

Inverse Universe

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



7C5870



A1688E



7C585E



3D373B



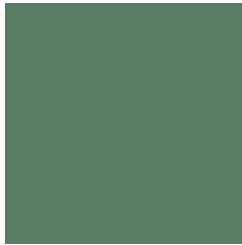
7D0053



FC00A8

Previews

White Background



This preview shows how the Hex color 587C64 looks on a white background.

Color Contrast Check

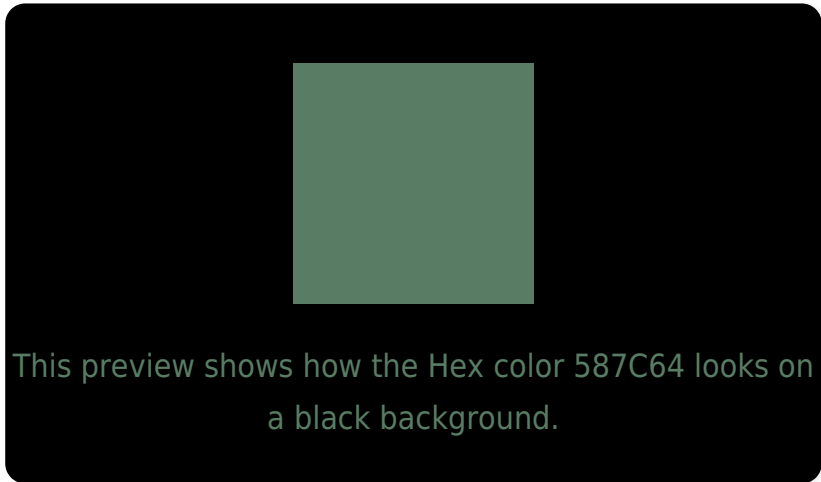
Large Text (above 18pt) WCAG AA ✓ Pass

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

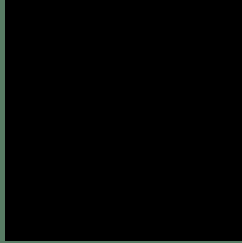
Any Text WCAG AA × Fail

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 587C64 Background



This preview shows how black text looks on a background with the Hex color 587C64.

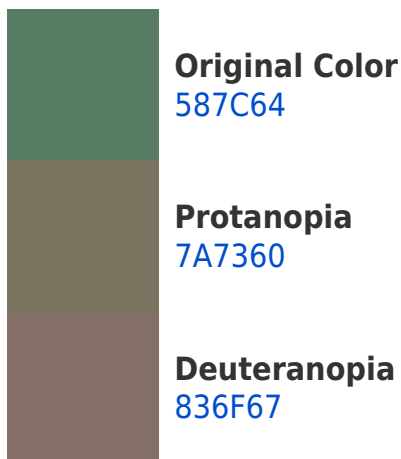


This preview shows how white text looks on a background with the Hex color 587C64.

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





Tritanopia
5E7882

Trichromacy



Original Color
587C64

Protanomaly
6E7661

Deuteranomaly
737466

Tritanomaly
5C7977

Monochromacy



Original Color
587C64

Achromatopsia
6F6F6F

Achromatomaly
67746B

CSS Examples

Text

The CSS property to change the color of the text to Hex 587C64 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 #587C64 looks like.

```
.text, #text, p{  
    color:#587C64  
}
```

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 #587C64 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #587C64
}
```

Border

The CSS property to change the border of an element to Hex 587C64 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
#587C64 }
```

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

```
.border{ border-color:#587C64 }
```

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

Here you see how a box with a 4 pixel #587C64 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #587C64; -webkit-box-shadow:4px 4px  
4px 4px #587C64; box-shadow:4px 4px 4px  
4px #587C64 }
```

Background

The CSS property to change the background color of an element to Hex 587C64 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#587C64 }
```

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

```
.background{ background-color:#587C64 }
```

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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