

Converting Colors

Hex(587D67)

Have a look what the booklet for
Hex(587D67) contains.

Hex(587D67)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(587D67)

Conversions

Conversions Part 1

Format	Color
Hex	587D67
RGB	88, 125, 103
RGB Percent	35%, 49%, 40%
CMY	0.6549, 0.5098, 0.5961
CMYK	0.30, 0.00, 0.18, 0.51
HSL	144°, 17%, 42%
HSV	144°, 30%, 49%
XYZ	13.8063, 17.7212, 15.5248
YIQ	111.4290, -14.9900, -14.6860

Conversions

Conversions Part 2

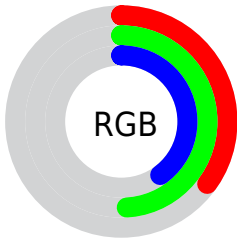
Format	Color
R_{YB}	88, 114, 125
Decimal	5799271
CIE _{Lab}	49.16, -18.01, 7.85
CIE _{LCh}	49, 19.649, 156.440
Yxy	17.7212, 0.2934, 0.3766
Android (android.graphics.Color)	4283989351 (0xFF587D67)
YUV	111.4290, -4.1555, -20.5472
Hunter-Lab	42.0966, -15.1268, 7.6020

Details

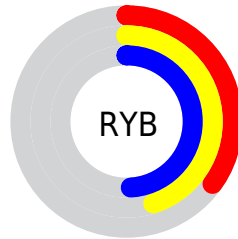
The Hex color **587D67** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7D586E**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **8BB29A**, and **294C38** is the 20% darker color. If you saturate the color by 10%, you get **4C7D60**, and if you desaturate by 10%, it is **657D6E**.

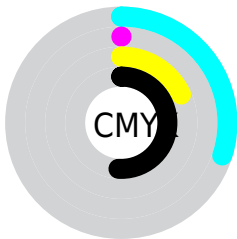
Distribution



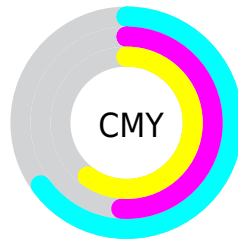
- Red (35%)
- Green (49%)
- Blue (40%)



- Red (35%)
- Yellow (45%)
- Blue (49%)



- Cyan (30%)
- Magenta (0%)
- Yellow (18%)
- Black (51%)



- Cyan (65%)
- Magenta (51%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 587D67 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 587D67 by changing the saturation by 10% instead.

■ 587D67

■ 587D67

FFFFFF

■ 40644F

■ 8BB29A

■ 294C38

■ A5CDB5

■ 123523

■ C1EAD0

■ 00200D

■ DDF FED

■ 000000

■ FAFFFF

■ 587D67

■ 587D67

■ 4C7D60

■ 657D6E

■ 3F7D58

■ 717D76

■ 337D51

■ 7E7D7D

■ 267D49

■ 8A7D85

■ 1A7D42

■ 967D8C

■ 0D7D3A

■ A37D94

■ 017D33

■ B07D9B

■ 007D33

■ BC7DA2

■ C97DAA

Harmonies

Analogous

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



6B7A5A



587D67



487E78

Triad

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



587D67



657596



956B62

Complementary

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



587D67



7D586E

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.



966972



587D67



7C6F90

Square

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



587D67



4F7A93



8D6A82



8C6F57

Rectangle

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



587D67



437E83



8D6A82



966A67

Sweetspot

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



587D67



95A39A



6E7D58



49524C



D1D1D1



525252

Same Dimension

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



587D67



68A380



587D79



39403C



008034



000000

Inverse Universe

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



7D586E



A3688B



7D585C



40393D



80004C



000000

Previews

White Background



This preview shows how the Hex color 587D67 looks on a white background.

Color Contrast Check

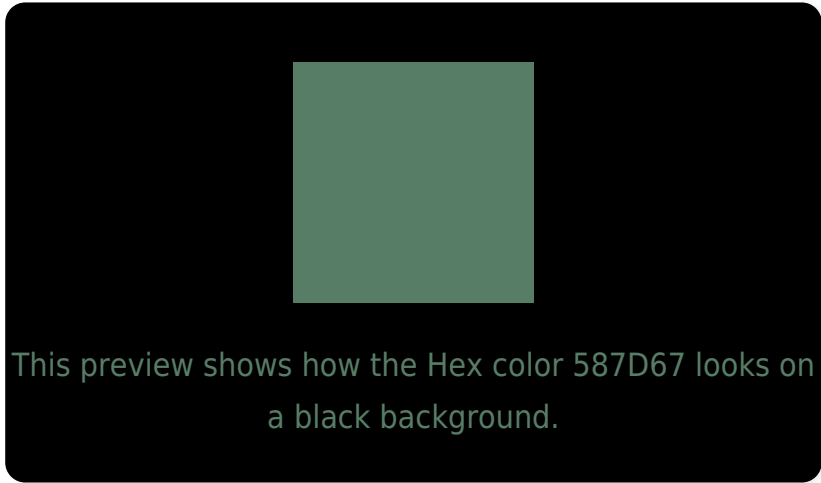
Large Text (above 18pt) WCAG AA ✓ Pass

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

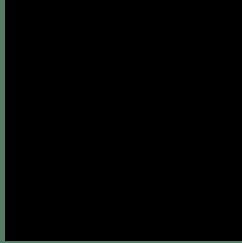
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 587D67 Background



This preview shows how black text looks on a background with the Hex color 587D67.

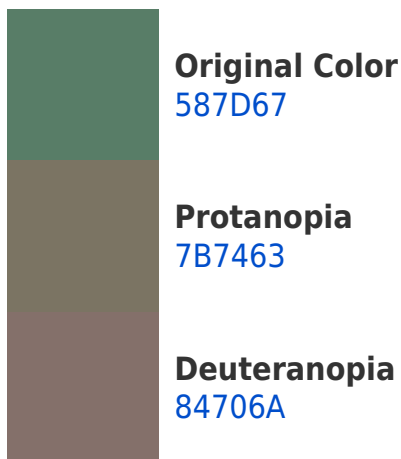


This preview shows how white text looks on a background with the Hex color 587D67.

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
5E7983

Trichromacy



Original Color
587D67

Protanomaly
6E7764

Deuteranomaly
747569

Tritanomaly
5C7A79

Monochromacy



Original Color
587D67

Achromatopsia
6F6F6F

Achromatomaly
67746C

CSS Examples

Text

The CSS property to change the color of the text to Hex 587D67 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 #587D67 looks like.

```
.text, #text, p{  
    color:#587D67  
}
```

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 #587D67 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #587D67
}
```

Border

The CSS property to change the border of an element to Hex 587D67 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
#587D67 }
```

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

```
.border{ border-color:#587D67 }
```

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

Here you see how a box with a 4 pixel #587D67 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #587D67; -webkit-box-shadow:4px 4px  
4px 4px #587D67; box-shadow:4px 4px 4px  
4px #587D67 }
```

Background

The CSS property to change the background color of an element to Hex 587D67 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#587D67 }
```

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

```
.background{ background-color:#587D67 }
```

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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