

Converting Colors

Hex(587B58)

Have a look what the booklet for
Hex(587B58) contains.

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Color

Hex(587B58)

Conversions

Conversions Part 1

Format	Color
Hex	587B58
RGB	88, 123, 88
RGB Percent	35%, 48%, 35%
CMY	0.6549, 0.5176, 0.6549
CMYK	0.28, 0.00, 0.28, 0.52
HSL	120°, 17%, 41%
HSV	120°, 28%, 48%
XYZ	12.8689, 16.9452, 11.8250
YIQ	108.5450, -9.6250, -18.3050

Conversions

Conversions Part 2

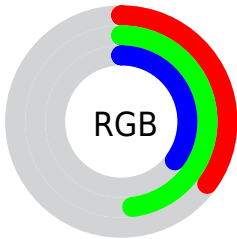
Format	Color
R_{YB}	88, 123, 123
Decimal	5798744
CIE _{Lab}	48.19, -19.94, 15.25
CIE _{LCh}	48, 25.104, 142.584
Yxy	16.9452, 0.3091, 0.4070
Android (android.graphics.Color)	4283988824 (0xFF587B58)
YUV	108.5450, -10.1287, -18.0180
Hunter-Lab	41.1646, -16.2351, 11.7834

Details

The Hex color **587B58** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **7B587B**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **8BB08A**, and **294A2A** is the 20% darker color. If you saturate the color by 10%, you get **4C7B4C**, and if you desaturate by 10%, it is **647B64**.

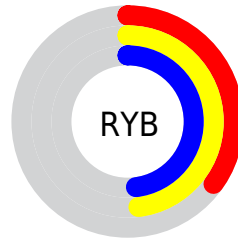
Distribution



Red (35%)

Green (48%)

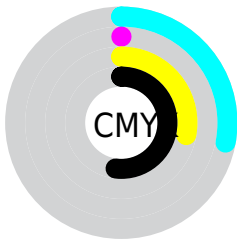
Blue (35%)



Red (35%)

Yellow (48%)

Blue (48%)

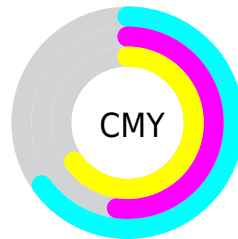


Cyan (28%)

Magenta (0%)

Yellow (28%)

Black (52%)



Cyan (65%)

Magenta (52%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 587B58 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 587B58 by changing the saturation by 10% instead.



587B58



587B58

FFFFFF



406241



8BB08A



294A2A



A5CBA4



123315



C1E7C0



001F00



DFFFDB



000000



FAFFF8



587B58



587B58



4C7B4C



647B64



3F7B3F



717B71

■ 337B33

■ 7D7B7D

■ 277B27

■ 897B89

■ 1B7B1B

■ 957B95

■ 0E7B0E

■ A27BA2

■ 027B02

■ AE7BAE

■ 007B00

■ BA7BBA

■ C77BC7

Harmonies

Analogous

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



70764B



587B58



3E7E6C

Triad

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



587B58



4D769C



9C6363

Complementary

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



587B58



7B587B

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.



986379



587B58



6E6F99

Square

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



587B58



2F7B93



88678C



956852

Rectangle

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



587B58



2F7E7B



88678C



9C626A

Sweetspot

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



587B58



92A192



7B7B58



495249



D1D1D1



525252

Same Dimension

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



587B58



6AA16A



587B6A



373D37



007D00



00FC00

Inverse Universe

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



7B587B



A16AA1



7B586A



3D373D



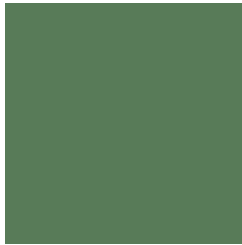
7D007D



FC00FC

Previews

White Background



This preview shows how the Hex color 587B58 looks on a white background.

Color Contrast Check

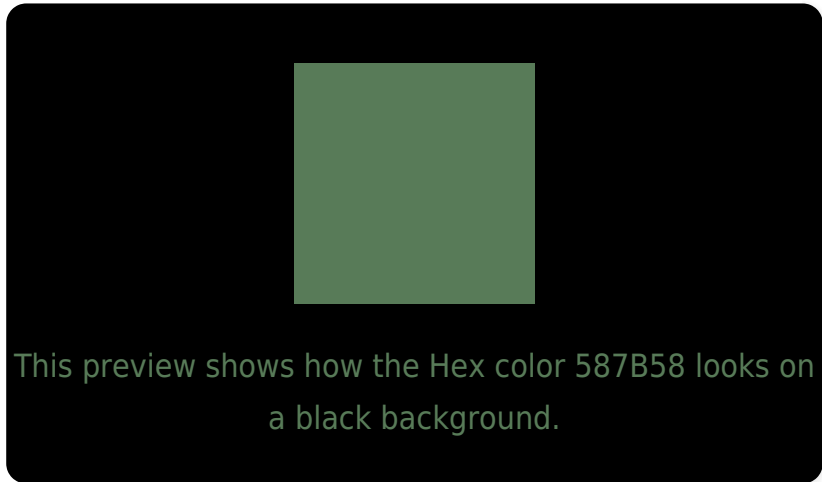
Large Text (above 18pt) WCAG AA ✓ Pass

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

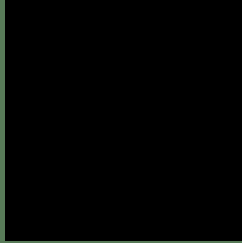
Any Text WCAG AA × Fail

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 587B58 Background



This preview shows how black text looks on a background with the Hex color 587B58.



This preview shows how white text looks on a background with the Hex color 587B58.

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
587B58

Protanopia
7A7254

Deuteranopia
856D5B



Tritanopia
5F767F

Trichromacy



Original Color
587B58

Protanomaly
6E7555

Deuteranomaly
75725A

Tritanomaly
5C7871

Monochromacy



Original Color
587B58

Achromatopsia
6D6D6D

Achromatomaly
657265

CSS Examples

Text

The CSS property to change the color of the text to Hex 587B58 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 #587B58 looks like.

```
.text, #text, p{  
    color:#587B58  
}
```

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 #587B58 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #587B58
}
```

Border

The CSS property to change the border of an element to Hex 587B58 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
#587B58 }
```

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

```
.border{ border-color:#587B58 }
```

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

Here you see how a box with a 4 pixel #587B58 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #587B58; -webkit-box-shadow:4px 4px  
4px 4px #587B58; box-shadow:4px 4px 4px  
4px #587B58 }
```

Background

The CSS property to change the background color of an element to Hex 587B58 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#587B58 }
```

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

```
.background{ background-color:#587B58 }
```

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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