

Converting Colors

Hex(587B5A)

Have a look what the booklet for
Hex(587B5A) contains.

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Color

Hex(587B5A)

Conversions

Conversions Part 1

Format	Color
Hex	587B5A
RGB	88, 123, 90
RGB Percent	35%, 48%, 35%
CMY	0.6549, 0.5176, 0.6471
CMYK	0.28, 0.00, 0.27, 0.52
HSL	123°, 17%, 41%
HSV	123°, 28%, 48%
XYZ	12.9529, 16.9788, 12.2674
YIQ	108.7730, -10.2670, -17.6830

Conversions

Conversions Part 2

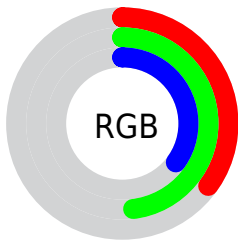
Format	Color
R_{YB}	88, 121, 123
Decimal	5798746
CIE _{Lab}	48.23, -19.56, 14.15
CIE _{LCh}	48, 24.145, 144.121
Yxy	16.9788, 0.3069, 0.4023
Android (android.graphics.Color)	4283988826 (0xFF587B5A)
YUV	108.7730, -9.2551, -18.2179
Hunter-Lab	41.2054, -15.9978, 11.1923

Details

The Hex color **587B5A** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **7B5879**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **8BB08C**, and **294A2C** is the 20% darker color. If you saturate the color by 10%, you get **4C7B4E**, and if you desaturate by 10%, it is **647B66**.

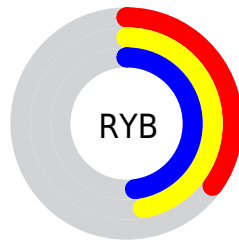
Distribution



Red (35%)

Green (48%)

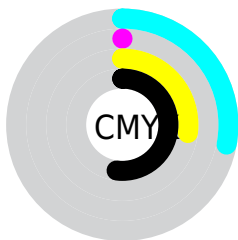
Blue (35%)



Red (35%)

Yellow (47%)

Blue (48%)

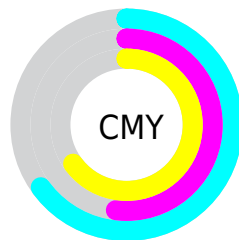


Cyan (28%)

Magenta (0%)

Yellow (27%)

Black (52%)



Cyan (65%)

Magenta (52%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 587B5A 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 587B5A by changing the saturation by 10% instead.



587B5A



587B5A

FFFFFF



406242



8BB08C



294A2C



A5CBA7



123317



C1E7C2



001E00



DDFFDE



000000



FAFFFA



587B5A



587B5A



4C7B4E



647B66



3F7B43



717B71

 337B37

 7D7B7D

 277B2C

 897B88

 1B7B20

 957B94

 0E7B14

 A27BA0

 027B09

 AE7BAB

 007B07

 BA7BB7

 C77BC2

Harmonies

Analogous

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



70764D



587B5A



407D6E

Triad

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



587B5A



51769B



9B6463

Complementary

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



587B5A



7B5879

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.



976377



587B5A



706F98

Square

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



587B5A



357B93



89688B



946952

Rectangle

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



587B5A



337E7C



89688B



9B6369

Sweetspot

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



587B5A



92A193



797B58



495249



D1D1D1



525252

Same Dimension

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



587B5A



6AA16D



587B6B



373D37



007D07



00FC0E

Inverse Universe

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



7B5879



A16A9E



7B5868



3D373D



7D0076



FC00EE

Previews

White Background



This preview shows how the Hex color 587B5A looks on a white background.

Color Contrast Check

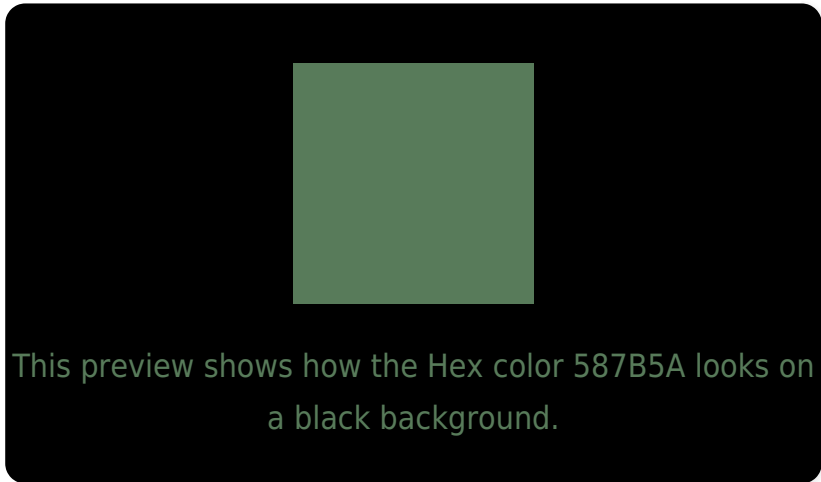
Large Text (above 18pt) WCAG AA ✓ Pass

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

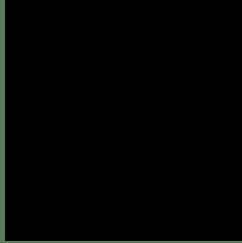
Any Text WCAG AA × Fail

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 587B5A Background



This preview shows how black text looks on a background with the Hex color 587B5A.



This preview shows how white text looks on a background with the Hex color 587B5A.

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
587B5A

Protanopia
7A7256

Deuteranopia
846E5D



Tritanopia
5F7680

Trichromacy



Original Color
587B5A

Protanomaly
6E7557

Deuteranomaly
74735C

Tritanomaly
5C7872

Monochromacy



Original Color
587B5A

Achromatopsia
6D6D6D

Achromatomaly
657266

CSS Examples

Text

The CSS property to change the color of the text to Hex 587B5A 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 #587B5A looks like.

```
.text, #text, p{  
    color:#587B5A  
}
```

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 #587B5A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #587B5A
}
```

Border

The CSS property to change the border of an element to Hex 587B5A 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
#587B5A }
```

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

```
.border{ border-color:#587B5A }
```

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

Here you see how a box with a 4 pixel #587B5A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #587B5A; -webkit-box-shadow:4px 4px  
4px 4px #587B5A; box-shadow:4px 4px 4px  
4px #587B5A }
```

Background

The CSS property to change the background color of an element to Hex 587B5A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#587B5A }
```

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

```
.background{ background-color:#587B5A }
```

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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