

Converting Colors

Hex(587122)

Have a look what the booklet for
Hex(587122) contains.

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Color

Hex(587122)

Conversions

Conversions Part 1

Format	Color
Hex	587122
RGB	88, 113, 34
RGB Percent	35%, 44%, 13%
CMY	0.6549, 0.5569, 0.8667
CMYK	0.22, 0.00, 0.70, 0.56
HSL	79°, 54%, 29%
HSV	79°, 70%, 44%
XYZ	10.2184, 14.0005, 3.6772
YIQ	96.5190, 10.4590, -29.8690

Conversions

Conversions Part 2

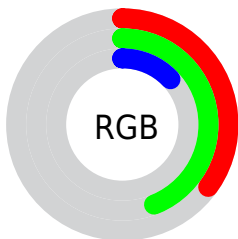
Format	Color
RYB	34, 113, 59
Decimal	5796130
CIELab	44.23, -21.88, 39.20
CIELCh	44, 44.896, 119.165
Yxy	14.0005, 0.3663, 0.5019
Android (android.graphics.Color)	4283986210 (0xFF587122)
YUV	96.5190, -30.8219, -7.4712
Hunter-Lab	37.4172, -16.7330, 20.3653

Details

The Hex color **587122** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **3B2271**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **8CA553**, and **274100** is the 20% darker color. If you saturate the color by 10%, you get **547117**, and if you desaturate by 10%, it is **5C712D**.

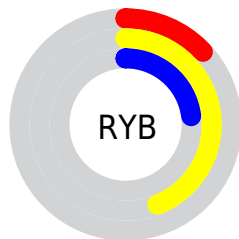
Distribution



Red (35%)

Green (44%)

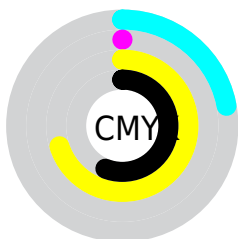
Blue (13%)



Red (13%)

Yellow (44%)

Blue (23%)

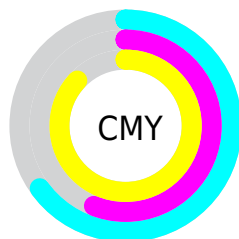


Cyan (22%)

Magenta (0%)

Yellow (70%)

Black (56%)



Cyan (65%)

Magenta (56%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 587122 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 587122 by changing the saturation by 10% instead.



587122



587122

FFFFFF



3F5806



8CA553



274100



A7C06D



0D2B00



C3DC87



001700



E0F9A1



000000



FDFFB0



FFFFD9



FFFFF6



587122



587122

■ 547117

■ 5C712D

■ 51710B

■ 5F7139

■ 4D7100

■ 637144

■ 66714F

■ 6A715A

■ 6D7166

■ 717171

■ 75717C

■ 787188

Harmonies

Analogous

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



7D6617



587122



217740

Triad

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



587122



0076A8



AA466B

Complementary

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



587122



3B2271

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.



954F8F



587122



006DB3

Square

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



587122



007A8C



675FAA



AB4A46

Rectangle

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



587122



007A59



675FAA



A64878

Sweetspot

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



587122



8A9475



713A22



444A37



C9C9C9



4A4A4A

Same Dimension

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



587122



6D9418



327122



363832



527800



A9F700

Inverse Universe

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



3B2271



3F1894



612271



343238



260078



4E00F7

Previews

White Background



This preview shows how the Hex color 587122 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

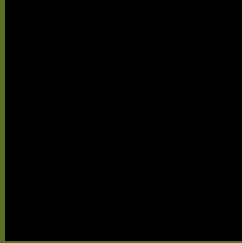
Any Text WCAG AA × Fail

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 587122 Background



This preview shows how black text looks on a background with the Hex color 587122.



This preview shows how white text looks on a background with the Hex color 587122.

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
587122

Protanopia
756920

Deuteranopia
826327



Tritanopia
616A72

Trichromacy



Original Color
587122

Protanomaly
6A6C21

Deuteranomaly
736825

Tritanomaly
5E6D55

Monochromacy



Original Color
587122

Achromatopsia
616161

Achromatomaly
5E674A

CSS Examples

Text

The CSS property to change the color of the text to Hex 587122 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 #587122 looks like.

```
.text, #text, p{  
    color:#587122  
}
```

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 #587122 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #587122
}
```

Border

The CSS property to change the border of an element to Hex 587122 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".

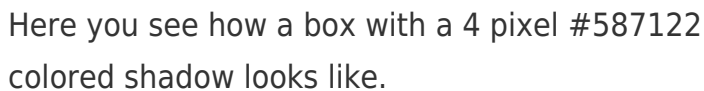
```
.border, #border, table{ border:4px solid
#587122 }
```

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

```
.border{ border-color:#587122 }
```

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

Here you see how a box with a 4 pixel #587122 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #587122; -webkit-box-shadow:4px 4px  
4px 4px #587122; box-shadow:4px 4px 4px  
4px #587122 }
```

Background

The CSS property to change the background color of an element to Hex 587122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#587122 }
```

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

```
.background{ background-color:#587122 }
```

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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