

Converting Colors

Hex(587258)

Have a look what the booklet for
Hex(587258) contains.

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Color

Hex(587258)

Conversions

Conversions Part 1

Format	Color
Hex	587258
RGB	88, 114, 88
RGB Percent	35%, 45%, 35%
CMY	0.6549, 0.5529, 0.6549
CMYK	0.23, 0.00, 0.23, 0.55
HSL	120°, 13%, 40%
HSV	120°, 23%, 45%
XYZ	11.8033, 14.8139, 11.4698
YIQ	103.2620, -7.1500, -13.5980

Conversions

Conversions Part 2

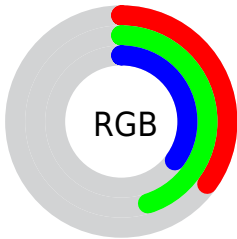
Format	Color
RYB	88, 114, 114
Decimal	5796440
CIELab	45.38, -15.11, 11.37
CIELCh	45, 18.907, 143.037
Yxy	14.8139, 0.3099, 0.3889
Android (android.graphics.Color)	4283986520 (0xFF587258)
YUV	103.2620, -7.5242, -13.3848
Hunter-Lab	38.4888, -12.6154, 9.2736

Details

The Hex color **587258** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **725872**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **8AA68A**, and **2A422A** is the 20% darker color. If you saturate the color by 10%, you get **4D724D**, and if you desaturate by 10%, it is **637263**.

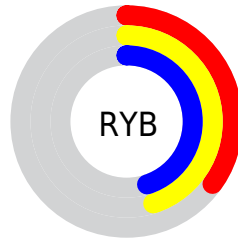
Distribution



 Red (35%)

 Green (45%)

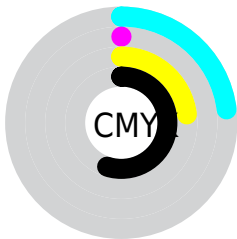
 Blue (35%)




 Red (35%)

 Yellow (45%)

 Blue (45%)

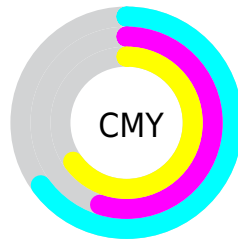


 Cyan (23%)

 Magenta (0%)

 Yellow (23%)

 Black (55%)



 Cyan (65%)

 Magenta (55%)

 Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 587258 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 587258 by changing the saturation by 10% instead.

■ 587258

■ 587258

FFFFFF

■ 405941

■ 8AA68A

■ 2A422A

■ A5C1A4

■ 142C16

■ C0DDBF

■ 001800

■ DCFADB

■ 000000

■ F9FFF8

■ 587258

■ 587258

■ 4D724D

■ 637263

■ 417241

■ 6F726F

■ 367236

■ 7A727A

■ 2A722A

■ 867286

■ 1F721F

■ 917291

■ 147214

■ 9C729C

■ 087208

■ A872A8

■ 007200

■ B372B3

■ BF72BF

Harmonies

Analogous

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



6A6E4E



587258



477467

Triad

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



587258



536E8A



8B6060

Complementary

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



587258



725872

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.



886070



587258



696988

Square

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



587258



417284



7C637F



866453

Rectangle

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



587258



3F7472



7C637F



8B6065

Sweetspot

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



587258



8A948A



727258



444A44



C9C9C9



4A4A4A

Same Dimension

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



587258



6C946C



587265



323832



007800



00F700

Inverse Universe

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



725872



946C94



725865



383238



780078



F700F7

Previews

White Background



This preview shows how the Hex color 587258 looks on a white background.

Color Contrast Check

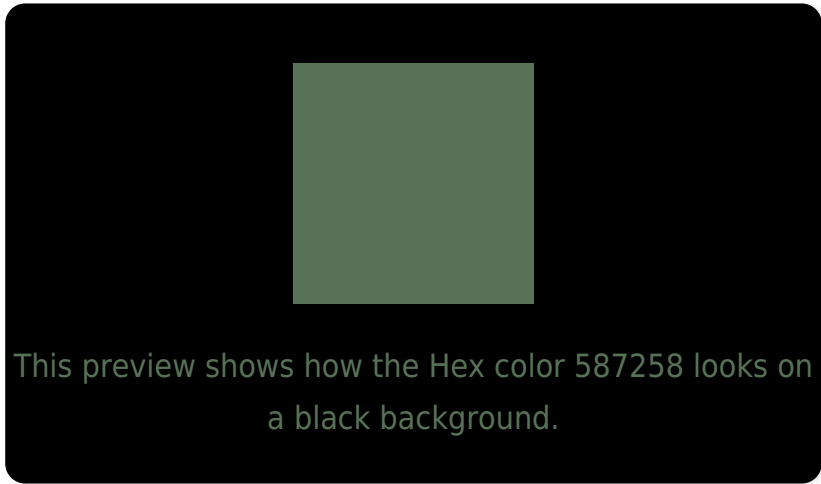
Large Text (above 18pt) WCAG AA ✓ Pass

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

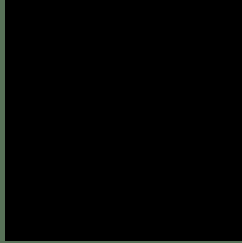
Any Text WCAG AA × Fail

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 587258 Background



This preview shows how black text looks on a background with the Hex color 587258.



This preview shows how white text looks on a background with the Hex color 587258.

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
587258

Protanopia
726B55

Deuteranopia
7B675A



Tritanopia
5D6E77

Trichromacy



Original Color
587258

Protanomaly
696E56

Deuteranomaly
6E6B59

Tritanomaly
5B6F6C

Monochromacy



Original Color
587258

Achromatopsia
676767

Achromatomaly
626B62

CSS Examples

Text

The CSS property to change the color of the text to Hex 587258 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 #587258 looks like.

```
.text, #text, p{  
    color:#587258  
}
```

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 #587258 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #587258
}
```

Border

The CSS property to change the border of an element to Hex 587258 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
#587258 }
```

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

```
.border{ border-color:#587258 }
```

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

Here you see how a box with a 4 pixel #587258 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #587258; -webkit-box-shadow:4px 4px  
4px 4px #587258; box-shadow:4px 4px 4px  
4px #587258 }
```

Background

The CSS property to change the background color of an element to Hex 587258 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#587258 }
```

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

```
.background{ background-color:#587258 }
```

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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