

Converting Colors

Hex(587051)

Have a look what the booklet for
Hex(587051) contains.

Hex(587051)	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(587051)

Conversions

Conversions Part 1

Format	Color
Hex	587051
RGB	88, 112, 81
RGB Percent	35%, 44%, 32%
CMY	0.6549, 0.5608, 0.6824
CMYK	0.21, 0.00, 0.28, 0.56
HSL	106°, 16%, 38%
HSV	106°, 28%, 44%
XYZ	11.3039, 14.2571, 9.9407
YIQ	101.2900, -4.3530, -14.7290

Conversions

Conversions Part 2

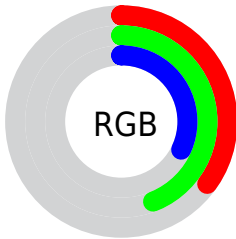
Format	Color
R_{YB}	81, 112, 105
Decimal	5795921
CIE _{Lab}	44.60, -15.32, 14.43
CIE _{LCh}	45, 21.042, 136.721
Yxy	14.2571, 0.3184, 0.4016
Android (android.graphics.Color)	4283986001 (0xFF587051)
YUV	101.2900, -10.0030, -11.6553
Hunter-Lab	37.7586, -12.6397, 10.8218

Details

The Hex color **587051** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **695170**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **8AA482**, and **2A4024** is the 20% darker color. If you saturate the color by 10%, you get **4F7046**, and if you desaturate by 10%, it is **61705C**.

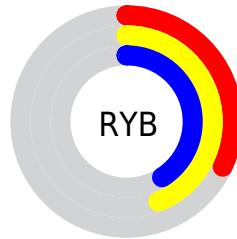
Distribution



Red (35%)

Green (44%)

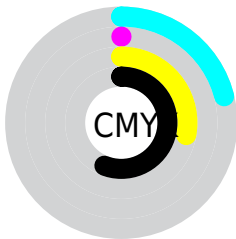
Blue (32%)



Red (32%)

Yellow (44%)

Blue (41%)

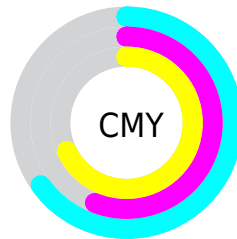


Cyan (21%)

Magenta (0%)

Yellow (28%)

Black (56%)



Cyan (65%)

Magenta (56%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 587051 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 587051 by changing the saturation by 10% instead.

■ 587051

■ 587051

FFFFFF

■ 40573A

■ 8AA482

■ 2A4024

■ A5BF9D

■ 142A0F

■ C0DBB8

■ 001700

■ DCF7D3

■ 000000

■ F9FFF0

■ 587051

■ 587051

■ 4F7046

■ 61705C

■ 47703B

■ 697067

 3E702F

 727073

 357024

 7B707E

 2D7019

 837089

 24700E

 8C7094

 1B7003

 95709F

 197000

 9D70AB

 A670B6

Harmonies

Analogous

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



6C6B48



587051



447361

Triad

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



587051



476D8B



8D5D60

Complementary

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



587051



695170

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.



875D72



587051



61688B

Square

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



587051



347182



786282



896051

Rectangle

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



587051



38736D



786282



8C5C66

Sweetspot

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



587051



889186



706951



444A43



C9C9C9



4A4A4A

Same Dimension

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



587051



6C9161



517059



343832



1B7800



38F700

Inverse Universe

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



695170



876191



705168



373238



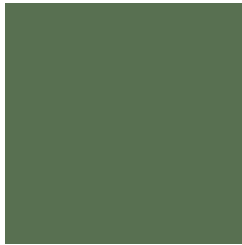
5D0078



BF00F7

Previews

White Background



This preview shows how the Hex color 587051 looks on a white background.

Color Contrast Check

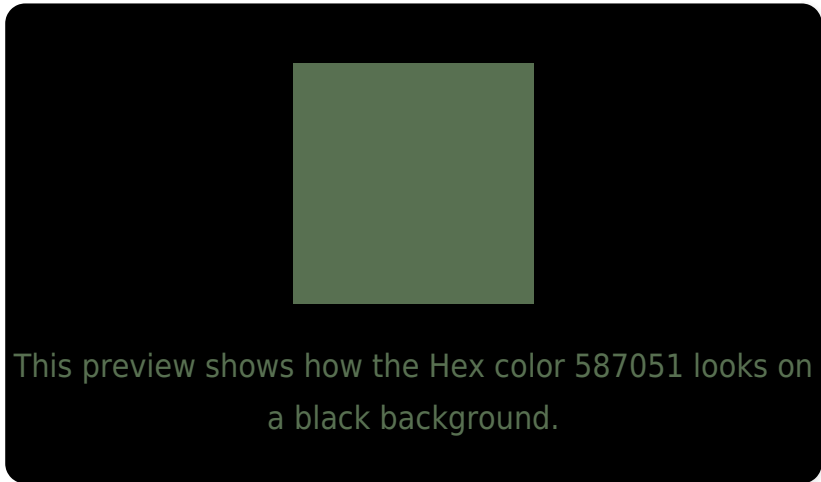
Large Text (above 18pt) WCAG AA ✓ Pass

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

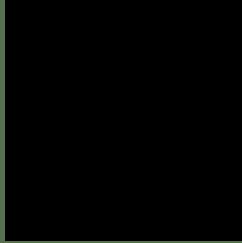
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

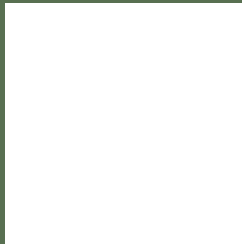
Any Text WCAG AAA × Fail

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

Hex 587051 Background



This preview shows how black text looks on a background with the Hex color 587051.



This preview shows how white text looks on a background with the Hex color 587051.

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
587051

Protanopia
71694E

Deuteranopia
7B6553



Tritanopia
5E6B74

Trichromacy



Original Color
587051

Protanomaly
686C4F

Deuteranomaly
6E6952

Tritanomaly
5C6D67

Monochromacy



Original Color
587051

Achromatopsia
656565

Achromatomaly
60695E

CSS Examples

Text

The CSS property to change the color of the text to Hex 587051 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 #587051 looks like.

```
.text, #text, p{  
    color:#587051  
}
```

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 #587051 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #587051
}
```

Border

The CSS property to change the border of an element to Hex 587051 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
#587051 }
```

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

```
.border{ border-color:#587051 }
```

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

Here you see how a box with a 4 pixel #587051 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #587051; -webkit-box-shadow:4px 4px  
4px 4px #587051; box-shadow:4px 4px 4px  
4px #587051 }
```

Background

The CSS property to change the background color of an element to Hex 587051 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#587051 }
```

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

```
.background{ background-color:#587051 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor