

Converting Colors

Hex(586951)

Have a look what the booklet for
Hex(586951) contains.

Hex(586951)	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(586951)

Conversions

Conversions Part 1

Format	Color
Hex	586951
RGB	88, 105, 81
RGB Percent	35%, 41%, 32%
CMY	0.6549, 0.5882, 0.6824
CMYK	0.16, 0.00, 0.23, 0.59
HSL	102°, 13%, 36%
HSV	102°, 23%, 41%
XYZ	10.5613, 12.7719, 9.6932
YIQ	97.1810, -2.4280, -11.0680

Conversions

Conversions Part 2

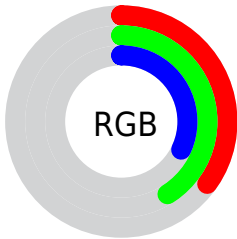
Format	Color
R_{YB}	81, 105, 98
Decimal	5794129
CIE _{Lab}	42.42, -11.42, 11.42
CIE _{LCh}	42, 16.149, 135.010
Yxy	12.7719, 0.3198, 0.3867
Android (android.graphics.Color)	4283984209 (0xFF586951)
YUV	97.1810, -7.9772, -8.0517
Hunter-Lab	35.7378, -9.7908, 8.9353

Details

The Hex color **586951** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **625169**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **8A9C82**, and **2A3A24** is the 20% darker color. If you saturate the color by 10%, you get **516946**, and if you desaturate by 10%, it is **5F695C**.

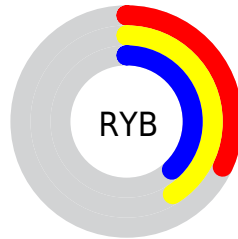
Distribution



Red (35%)

Green (41%)

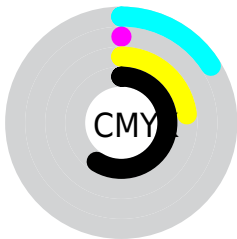
Blue (32%)



Red (32%)

Yellow (41%)

Blue (38%)

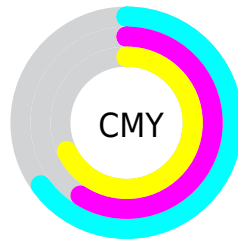


Cyan (16%)

Magenta (0%)

Yellow (23%)

Black (59%)



Cyan (65%)

Magenta (59%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 586951 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 586951 by changing the saturation by 10% instead.



586951



586951

FFFFFF



40513A



8A9C82



2A3A24



A5B79C



15240F



C0D3B7



001000



DCEFD3



000000



F8FFEF



586951



586951



516946



5F695C



49693C



676966

■ 426931

■ 6E6971

■ 3A6927

■ 76697B

■ 33691C

■ 7D6985

■ 2B6912

■ 856990

■ 246907

■ 8C699B

■ 1F6900

■ 9369A5

■ 9B69AF

Harmonies

Analogous

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



67654A



586951



496B5D

Triad

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



586951



4B677D



7F5B5E

Complementary

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



586951



625169

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.



7B5B6B



586951



5D637E

Square

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



586951



3F6A76



6E5F77



7D5D52

Rectangle

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



586951



426C66



6E5F77



7F5B62

Sweetspot

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



586951



838A80



696251



41453F



C4C4C4



454545

Same Dimension

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



586951



6F8A65



516956



323630



227500



47F500

Inverse Universe

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



625169



7F658A



695164



343036



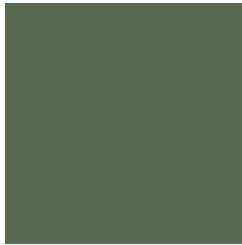
530075



AD00F5

Previews

White Background



This preview shows how the Hex color 586951 looks on a white background.

Color Contrast Check

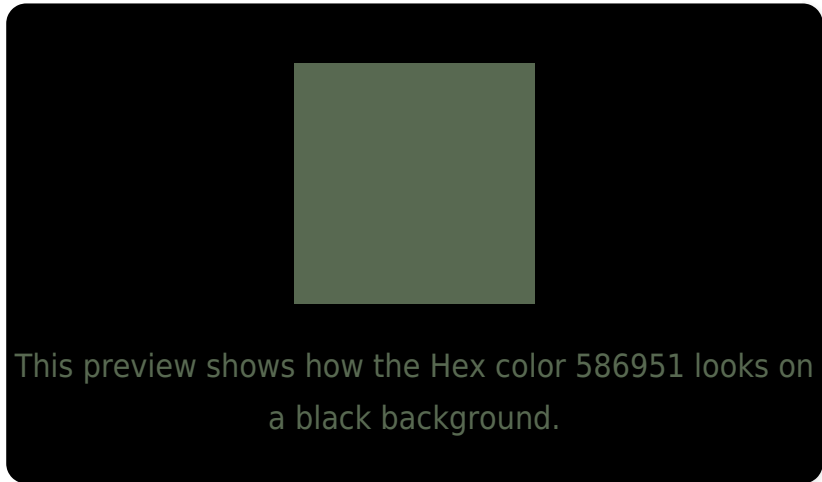
Large Text (above 18pt) WCAG AA ✓ Pass

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

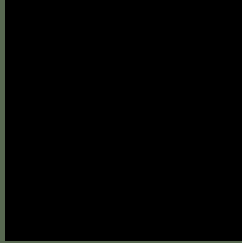
Any Text WCAG AA × Fail

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 586951 Background



This preview shows how black text looks on a background with the Hex color 586951.



This preview shows how white text looks on a background with the Hex color 586951.

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](#).

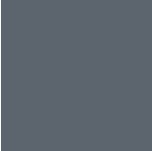
Dichromacy



Original Color
586951

Protanopia
6A644F

Deuteranopia
746053



Tritanopia
5C656D

Trichromacy



Original Color
586951

Protanomaly
636650

Deuteranomaly
6A6352

Tritanomaly
5B6663

Monochromacy



Original Color
586951

Achromatopsia
616161

Achromatomaly
5E645B

CSS Examples

Text

The CSS property to change the color of the text to Hex 586951 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 #586951 looks like.

```
.text, #text, p{  
    color:#586951  
}
```

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 #586951 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #586951
}
```

Border

The CSS property to change the border of an element to Hex 586951 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
#586951 }
```

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

```
.border{ border-color:#586951 }
```

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

Here you see how a box with a 4 pixel #586951 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #586951; -webkit-box-shadow:4px 4px  
4px 4px #586951; box-shadow:4px 4px 4px  
4px #586951 }
```

Background

The CSS property to change the background color of an element to Hex 586951 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#586951 }
```

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

```
.background{ background-color:#586951 }
```

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