

# Converting Colors

Hex(586755)

Have a look what the booklet for  
Hex(586755) contains.

<b>Hex(586755)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(586755)

# Conversions

## Conversions Part 1

Format	Color
Hex	586755
RGB	88, 103, 85
RGB Percent	35%, 40%, 33%
CMY	0.6549, 0.5961, 0.6667
CMYK	0.15, 0.00, 0.17, 0.60
HSL	110°, 10%, 37%
HSV	110°, 17%, 40%
XYZ	10.5144, 12.4311, 10.4396
YIQ	96.4630, -3.1620, -8.7780

# Conversions

## Conversions Part 2

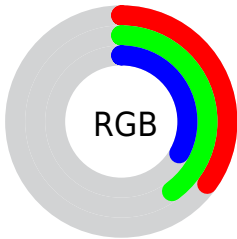
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	85, 103, 100
Decimal	5793621
CIE Lab	41.89, -9.52, 8.28
CIE LCh	42, 12.613, 138.985
Yxy	12.4311, 0.3149, 0.3724
Android (android.graphics.Color)	4283983701 (0xFF586755)
YUV	96.4630, -5.6513, -7.4221
Hunter-Lab	35.2577, -8.4694, 7.1250

# Details

The Hex color **586755** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **645567**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **8A9A87**, and **2A3828** is the 20% darker color. If you saturate the color by 10%, you get **4F674B**, and if you desaturate by 10%, it is **61675F**.

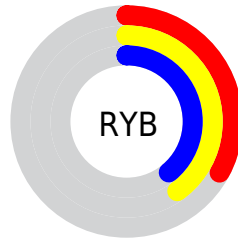
# Distribution



Red (35%)

Green (40%)

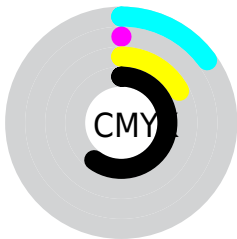
Blue (33%)



Red (33%)

Yellow (40%)

Blue (39%)

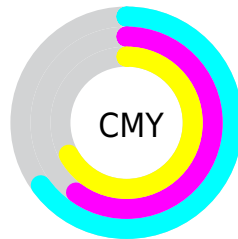


Cyan (15%)

Magenta (0%)

Yellow (17%)

Black (60%)



Cyan (65%)

Magenta (60%)

Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 586755 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 586755 by changing the saturation by 10% instead.



■ 586755

■ 586755

FFFFFF

■ 414F3E

■ 8A9A87

■ 2A3828

■ A4B5A1

■ 162314

■ C0D0BC

■ 000D00

■ DBEDD8

■ 000000

■ F8FFF4

■ 586755

■ 586755

■ 4F674B

■ 61675F

■ 476740

■ 69676A

 3E6736

 726774

 36672C

 7A677E

 2D6721

 836789

 246717


 8C6793

 1C670D

 94679D

 136703

 9D67A7

 116700

 A567B2

# Harmonies

## Analogous

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



64644F



586755



4D695F

# Triad

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



586755



526577



795C5D

# Complementary

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



586755



645567

# 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.



755C67



586755



606276

# Square

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



586755



496872



6D5E71



765E54

# Rectangle

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



586755



486966



6D5E71



785C60



# Sweetspot

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



586755



828780



676455



414541



C4C4C4



454545



# Same Dimension

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



586755



6F876B



55675B



2F332E



137300



28F200



# Inverse Universe

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



645567



826B87



675561



322E33



600073

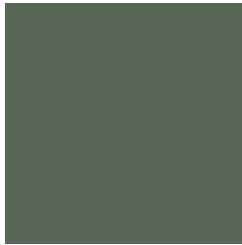


CA00F2



# Previews

## White Background



This preview shows how the Hex color 586755 looks on a white background.

## Color Contrast Check

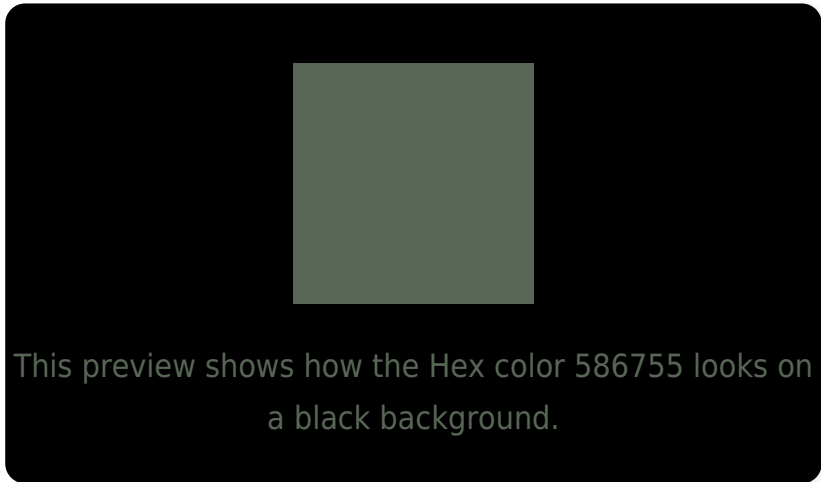
Large Text (above 18pt) WCAG AA ✓ Pass

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

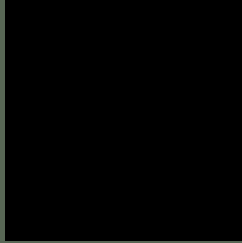
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 586755 Background



This preview shows how black text looks on a background with the Hex color 586755.



This preview shows how white text looks on a background with the Hex color 586755.

# 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](#).

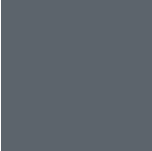
## Dichromacy



**Original Color**  
586755

**Protanopia**  
686253

**Deuteranopia**  
715F57



**Tritanopia**  
5C646C

# Trichromacy



**Original Color**  
586755

**Protanomaly**  
626454

**Deuteranomaly**  
686256

**Tritanomaly**  
5B6564

# Monochromacy



**Original Color**  
586755

**Achromatopsia**  
606060

**Achromatomaly**  
5D635C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 586755 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 #586755 looks like.

```
.text, #text, p{  
    color:#586755  
}
```

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 #586755 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #586755  
}
```

## Border

The CSS property to change the border of an element to Hex 586755 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".

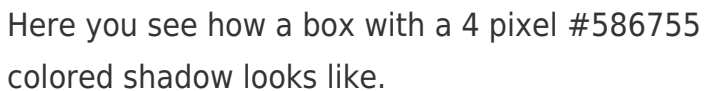
```
.border, #border, table{ border:4px solid  
#586755 }
```

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

```
.border{ border-color:#586755 }
```

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

Here you see how a box with a 4 pixel #586755 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #586755; -webkit-box-shadow:4px 4px  
4px 4px #586755; box-shadow:4px 4px 4px  
4px #586755 }
```

# Background

The CSS property to change the background color of an element to Hex 586755 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#586755 }
```

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

```
.background{ background-color:#586755 }
```

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