

# Converting Colors

Hex(586551)

Have a look what the booklet for  
Hex(586551) contains.

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# Color

**Hex(586551)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	586551
RGB	88, 101, 81
RGB Percent	35%, 40%, 32%
CMY	0.6549, 0.6039, 0.6824
CMYK	0.13, 0.00, 0.20, 0.60
HSL	99°, 11%, 36%
HSV	99°, 20%, 40%
XYZ	10.1634, 11.9761, 9.5605
YIQ	94.8330, -1.3280, -8.9760

# Conversions

## Conversions Part 2

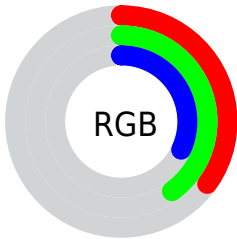
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	81, 101, 94
Decimal	5793105
CIE <sub>Lab</sub>	41.18, -9.14, 9.69
CIE <sub>LCh</sub>	41, 13.318, 133.317
Yxy	11.9761, 0.3206, 0.3778
Android (android.graphics.Color)	4283983185 (0xFF586551)
YUV	94.8330, -6.8197, -5.9925
Hunter-Lab	34.6066, -8.1390, 7.8449

# Details

The Hex color **586551** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **5E5165**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **8A9882**, and **2A3624** is the 20% darker color. If you saturate the color by 10%, you get **516547**, and if you desaturate by 10%, it is **5F655B**.

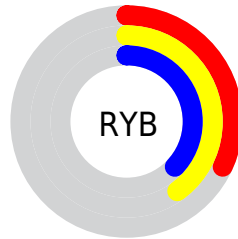
# Distribution



Red (35%)

Green (40%)

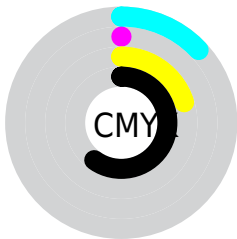
Blue (32%)



Red (32%)

Yellow (40%)

Blue (37%)

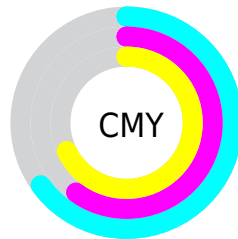


Cyan (13%)

Magenta (0%)

Yellow (20%)

Black (60%)



Cyan (65%)

Magenta (60%)

Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 586551 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 586551 by changing the saturation by 10% instead.



■ 586551

■ 586551

FFFFFF

■ 414D3A

■ 8A9882

■ 2A3624

■ A4B39C

■ 162110

■ C0CEB7

■ 000800

■ DBEAD3

■ 000000

■ F8FFE7

■ 586551

■ 586551

■ 516547

■ 5F655B

■ 4B653D

■ 656565

■ 446533

■ 6C656F

■ 3E6529

■ 726579

■ 37651E

■ 796584

■ 316514

■ 7F658E

■ 2A650A

■ 866598

■ 236500

■ 8D65A2

■ 9365AC

# Harmonies

## Analogous

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



64624C



586551



4C675A

# Triad

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



586551



4D6476



78595D

# Complementary

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



586551



5E5165

# 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.



735A68



586551



5B6076

# Square

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



586551



446670



695D71



765B53

# Rectangle

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



586551



466762



695D71



775960



# Sweetspot

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



586551



7D827A



655E51



3F423E



C2C2C2



424242



# Same Dimension

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



586551



6E8263



516554



30332E



287300



55F200



# Inverse Universe

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



5E5165



776382



655162



312E33



4B0073



9D00F2



# Previews

## White Background



This preview shows how the Hex color 586551 looks on a white background.

## Color Contrast Check

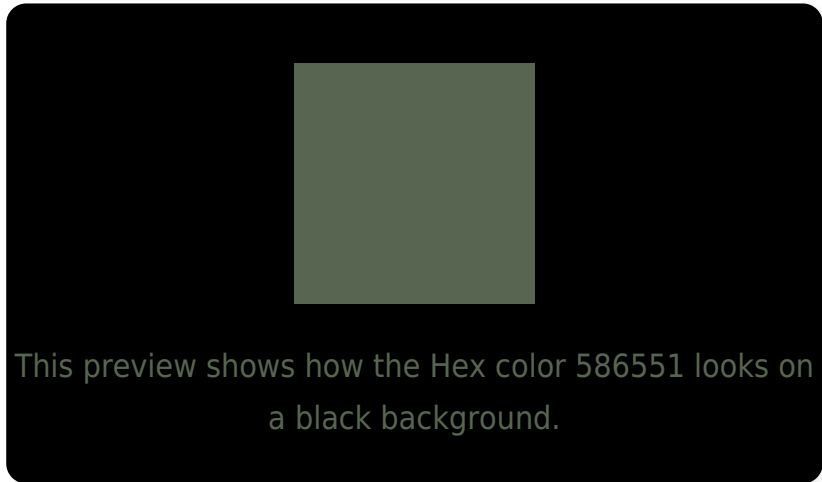
Large Text (above 18pt) WCAG AA ✓ Pass

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

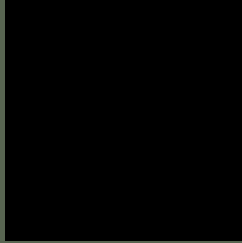
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

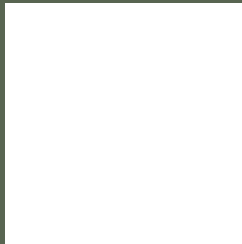
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 586551 Background



This preview shows how black text looks on a background with the Hex color 586551.

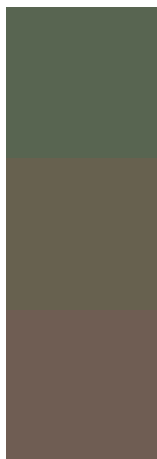


This preview shows how white text looks on a background with the Hex color 586551.

# 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**  
586551

**Protanopia**  
67614F

**Deuteranopia**  
6F5D53



**Tritanopia**  
5C6269

# Trichromacy



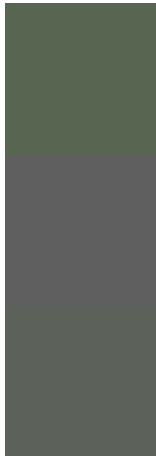
**Original Color**  
586551

**Protanomaly**  
626250

**Deuteranomaly**  
676052

**Tritanomaly**  
5B6360

# Monochromacy



**Original Color**  
586551

**Achromatopsia**  
5F5F5F

**Achromatomaly**  
5C615A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 586551 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 #586551 looks like.

```
.text, #text, p{  
    color:#586551  
}
```

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 #586551 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #586551
}
```

## Border

The CSS property to change the border of an element to Hex 586551 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
#586551 }
```

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

```
.border{ border-color:#586551 }
```

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

Here you see how a box with a 4 pixel #586551 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #586551; -webkit-box-shadow:4px 4px  
4px 4px #586551; box-shadow:4px 4px 4px  
4px #586551 }
```

# Background

The CSS property to change the background color of an element to Hex 586551 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#586551 }
```

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

```
.background{ background-color:#586551 }
```

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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