

Converting Colors

Hex(586C66)

Have a look what the booklet for
Hex(586C66) contains.

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Color

Hex(586C66)

Conversions

Conversions Part 1

Format	Color
Hex	586C66
RGB	88, 108, 102
RGB Percent	35%, 42%, 40%
CMY	0.6549, 0.5765, 0.6000
CMYK	0.19, 0.00, 0.06, 0.58
HSL	162°, 10%, 38%
HSV	162°, 19%, 42%
XYZ	11.7853, 13.7591, 14.6050
YIQ	101.3360, -9.9940, -6.1060

Conversions

Conversions Part 2

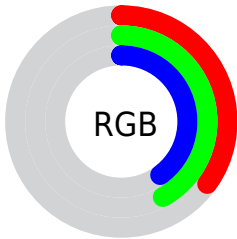
Format	Color
R_{YB}	88, 100, 108
Decimal	5794918
CIE _{Lab}	43.89, -8.80, 0.87
CIE _{LCh}	44, 8.842, 174.341
Yxy	13.7591, 0.2935, 0.3427
Android (android.graphics.Color)	4283984998 (0xFF586C66)
YUV	101.3360, 0.3274, -11.6957
Hunter-Lab	37.0933, -8.2000, 2.6207

Details

The Hex color **586C66** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6C585E**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **8A9F99**, and **2A3D37** is the 20% darker color. If you saturate the color by 10%, you get **4D6C63**, and if you desaturate by 10%, it is **636C69**.

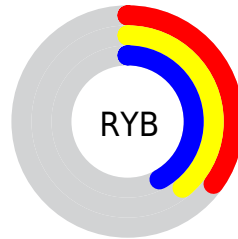
Distribution



Red (35%)

Green (42%)

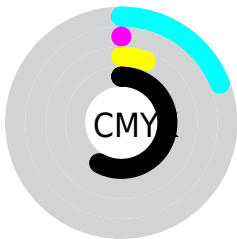
Blue (40%)



Red (35%)

Yellow (39%)

Blue (42%)

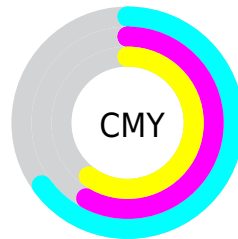


Cyan (19%)

Magenta (0%)

Yellow (6%)

Black (58%)



Cyan (65%)

Magenta (58%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 586C66 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 586C66 by changing the saturation by 10% instead.



586C66



586C66

FFFFFF



40544E



8A9F99



2A3D37



A5BAB4



152722



C0D6CF



00130C



DCF3EB



000000



F8FFFF



586C66



586C66



4D6C63



636C69



426C60



6E6C6C

■ 386C5C

■ 786C70

■ 2D6C59

■ 836C73

■ 226C56

■ 8E6C76

■ 176C53

■ 996C79

■ 0C6C4F

■ A46C7D

■ 026C4C

■ AE6C80

■ 006C4C

■ B96C83

Harmonies

Analogous

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



5F6B5F



586C66



556C6D

Triad

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



586C66



676675



75645C

Complementary

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



586C66



6C585E

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.



786362



586C66



706470

Square

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



586C66



5E6976



766369



6F6759

Rectangle

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



586C66



566B72



766369



76645E

Sweetspot

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



586C66



848C8A



5E6C58



424746



C7C7C7



474747

Same Dimension

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



586C66



6D8C83



58686C



303634



007552



00F5AB

Inverse Universe

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



6C585E



8C6D77



6C5C58



363032



750023



F50049

Previews

White Background



This preview shows how the Hex color 586C66 looks on a white background.

Color Contrast Check

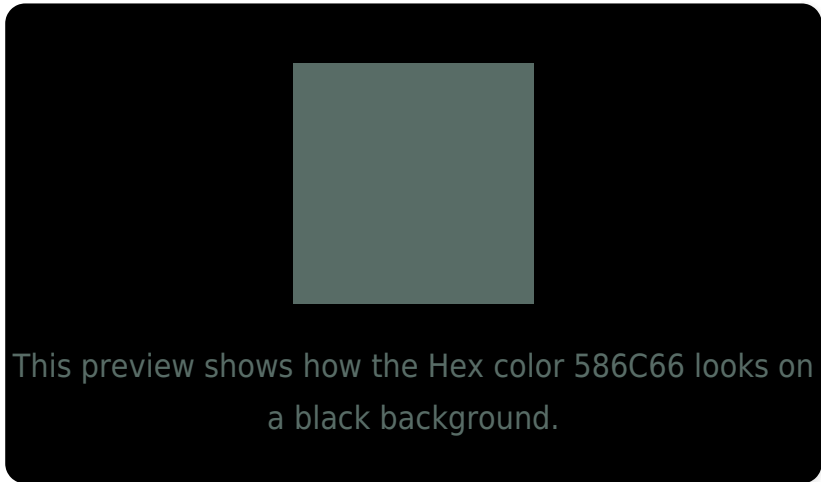
Large Text (above 18pt) WCAG AA ✓ Pass

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

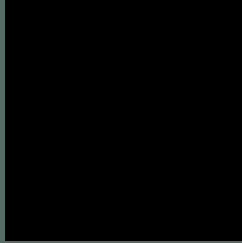
Any Text WCAG AA × Fail

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 586C66 Background



This preview shows how black text looks on a background with the Hex color 586C66.



This preview shows how white text looks on a background with the Hex color 586C66.

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](#).

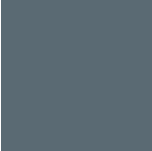
Dichromacy



Original Color
586C66

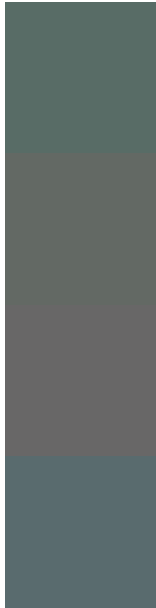
Protanopia
6A6763

Deuteranopia
716468



Tritanopia
5A6A73

Trichromacy



Original Color
586C66

Protanomaly
636964

Deuteranomaly
686767

Tritanomaly
596B6E

Monochromacy



Original Color
586C66

Achromatopsia
656565

Achromatomaly
606865

CSS Examples

Text

The CSS property to change the color of the text to Hex 586C66 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 #586C66 looks like.

```
.text, #text, p{  
    color:#586C66  
}
```

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 #586C66 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #586C66  
}
```

Border

The CSS property to change the border of an element to Hex 586C66 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  
#586C66 }
```

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

```
.border{ border-color:#586C66 }
```

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

Here you see how a box with a 4 pixel #586C66 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #586C66; -webkit-box-shadow:4px 4px  
4px 4px #586C66; box-shadow:4px 4px 4px  
4px #586C66 }
```

Background

The CSS property to change the background color of an element to Hex 586C66 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#586C66 }
```

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

```
.background{ background-color:#586C66 }
```

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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