

Converting Colors

Hex(586F75)

Have a look what the booklet for
Hex(586F75) contains.

Hex(586F75)	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(586F75)

Conversions

Conversions Part 1

Format	Color
Hex	586F75
RGB	88, 111, 117
RGB Percent	35%, 44%, 46%
CMY	0.6549, 0.5647, 0.5412
CMYK	0.25, 0.05, 0.00, 0.54
HSL	192°, 14%, 40%
HSV	192°, 25%, 46%
XYZ	12.9198, 14.7279, 18.9915
YIQ	104.8070, -15.6340, -3.0100

Conversions

Conversions Part 2

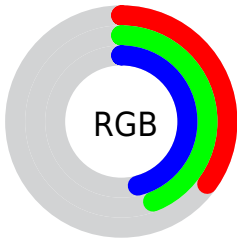
Format	Color
R_{YB}	88, 101, 117
Decimal	5795701
CIE _{Lab}	45.26, -6.96, -6.13
CIE _{LCh}	45, 9.275, 221.336
Yxy	14.7279, 0.2770, 0.3158
Android (android.graphics.Color)	4283985781 (0xFF586F75)
YUV	104.8070, 6.0111, -14.7397
Hunter-Lab	38.3770, -7.0667, -2.4767

Details

The Hex color **586F75** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **755E58**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **8BA3A9**, and **293F45** is the 20% darker color. If you saturate the color by 10%, you get **4C6D75**, and if you desaturate by 10%, it is **647175**.

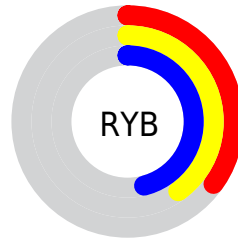
Distribution



Red (35%)

Green (44%)

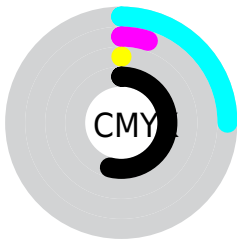
Blue (46%)



Red (35%)

Yellow (40%)

Blue (46%)

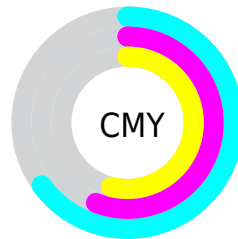


Cyan (25%)

Magenta (5%)

Yellow (0%)

Black (54%)



Cyan (65%)

Magenta (56%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 586F75 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 586F75 by changing the saturation by 10% instead.



586F75



586F75

FFFFFF



40575C



8BA3A9



293F45



A5BEC4



13292F



C0D9E0



00151A



DCF6FD



000000



F9FFFF



586F75



586F75



4C6D75



647175



416A75



6F7475

■ 356875

■ 7B7675

■ 296575

■ 877975

■ 1D6375

■ 937B75

■ 126075

■ 9E7E75

■ 065E75

■ AA8075

■ 005D75

■ B68275

■ C18575

Harmonies

Analogous

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



58706E



586F75



5D6D7A

Triad

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



586F75



786670



6E6C5C

Complementary

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



586F75



755E58

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.



76695D



586F75



7C6668

Square

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



586F75



706877



7B6761



656E5F

Rectangle

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



586F75



636C7A



7B6761



716B5C

Sweetspot

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



586F75



8E9799



58755E



464B4D



CCCCCC



4D4D4D

Same Dimension

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



586F75



6B9099



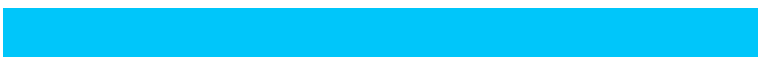
586175



35393B



00617A



00C6FA

Inverse Universe

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



75586F



996B90



756C58



3B3539



7A0061



FA00C6

Previews

White Background



This preview shows how the Hex color 586F75 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 586F75 Background



This preview shows how black text looks on a background with the Hex color 586F75.



This preview shows how white text looks on a background with the Hex color 586F75.

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
586F75

Protanopia
6B6A72

Deuteranopia
706876



Tritanopia
596F77

Trichromacy



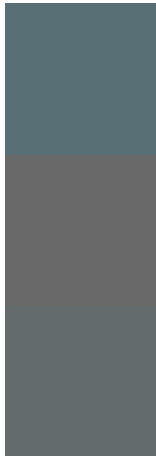
Original Color
586F75

Protanomaly
646C73

Deuteranomaly
676B76

Tritanomaly
596F76

Monochromacy



Original Color
586F75

Achromatopsia
696969

Achromatomaly
636B6D

CSS Examples

Text

The CSS property to change the color of the text to Hex 586F75 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 #586F75 looks like.

```
.text, #text, p{  
    color:#586F75  
}
```

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 #586F75 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #586F75
}
```

Border

The CSS property to change the border of an element to Hex 586F75 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
#586F75 }
```

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

```
.border{ border-color:#586F75 }
```

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

Here you see how a box with a 4 pixel #586F75 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #586F75; -webkit-box-shadow:4px 4px  
4px 4px #586F75; box-shadow:4px 4px 4px  
4px #586F75 }
```

Background

The CSS property to change the background color of an element to Hex 586F75 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#586F75 }
```

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

```
.background{ background-color:#586F75 }
```

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