

Converting Colors

Hex(56776C)

Have a look what the booklet for
Hex(56776C) contains.

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Color

Hex(56776C)

Conversions

Conversions Part 1

Format	Color
Hex	56776C
RGB	86, 119, 108
RGB Percent	34%, 47%, 42%
CMY	0.6627, 0.5333, 0.5765
CMYK	0.28, 0.00, 0.09, 0.53
HSL	160°, 16%, 40%
HSV	160°, 28%, 47%
XYZ	13.1414, 16.2548, 16.6322
YIQ	107.8790, -16.1370, -10.4170

Conversions

Conversions Part 2

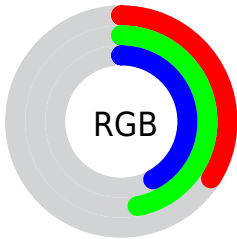
Format	Color
RYB	86, 106, 119
Decimal	5666668
CIELab	47.31, -14.33, 2.24
CIElCh	47, 14.503, 171.123
Yxy	16.2548, 0.2855, 0.3531
Android (android.graphics.Color)	4283856748 (0xFF56776C)
YUV	107.8790, 0.0597, -19.1879
Hunter-Lab	40.3172, -12.3733, 3.7629

Details

The Hex color **56776C** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **775661**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **89AB9F**, and **27463D** is the 20% darker color. If you saturate the color by 10%, you get **4A7768**, and if you desaturate by 10%, it is **627770**.

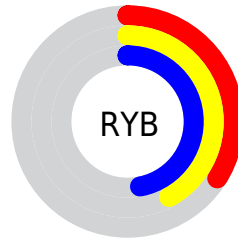
Distribution



Red (34%)

Green (47%)

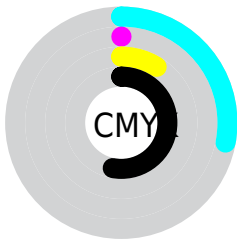
Blue (42%)



Red (34%)

Yellow (42%)

Blue (47%)

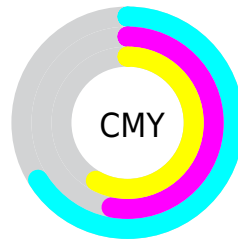


Cyan (28%)

Magenta (0%)

Yellow (9%)

Black (53%)



Cyan (66%)

Magenta (53%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 56776C 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 56776C by changing the saturation by 10% instead.

■ 56776C

■ 56776C

FFFFFF

■ 3E5E54

■ 89AB9F

■ 27463D

■ A3C7BA

■ 103027

■ BEE3D6

■ 001C12

■ DAFFF2

■ 000000

■ F7FFFF

■ 56776C

■ 56776C

■ 4A7768

■ 627770

■ 3E7764

■ 6E7774

■ 327760

■ 7A7778

■ 26775C

■ 86777C

■ 1A7758

■ 927780

■ 0F7754

■ 9D7784

■ 037750

■ A97788

■ 00774F

■ B5778C

■ C17790

Harmonies

Analogous

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



627561



56776C



4F7778

Triad

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



56776C



6E6E87



866A5E

Complementary

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



56776C



775661

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.



8A6868



56776C



7D6A80

Square

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



56776C



5E7288



866874



7D6E58

Rectangle

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



56776C



507680



866874



886961

Sweetspot

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



56776C



8F9C97



617756



474F4C



CFCFCF



4F4F4F

Same Dimension

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



56776C



689C8A



567177



353B39



007A52



00FAA7

Inverse Universe

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



775661



9C6879



775C56



3B3537



7A0029



FA0053

Previews

White Background



This preview shows how the Hex color 56776C looks on a white background.

Color Contrast Check

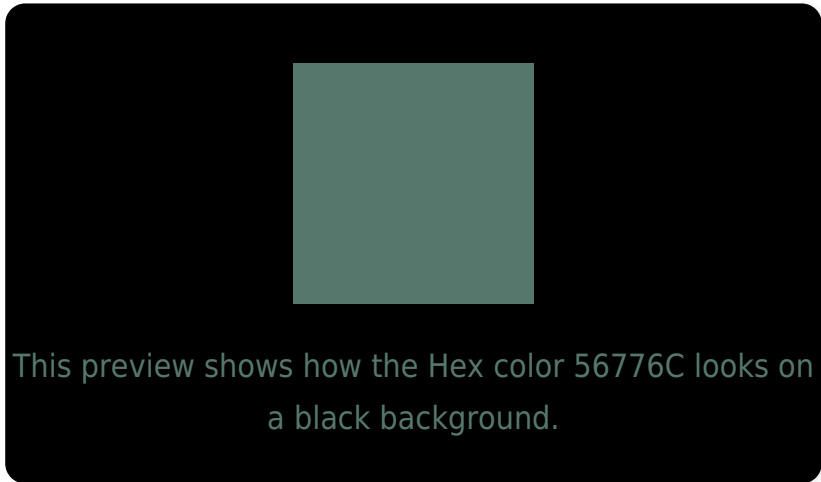
Large Text (above 18pt) WCAG AA ✓ Pass

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

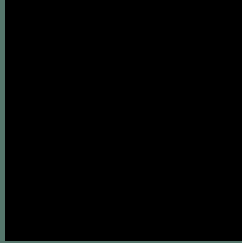
Any Text WCAG AA × Fail

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 56776C Background



This preview shows how black text looks on a background with the Hex color 56776C.



This preview shows how white text looks on a background with the Hex color 56776C.

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
56776C

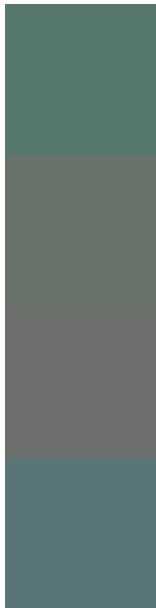
Protanopia
746F68

Deuteranopia
7B6C6E



Tritanopia
5A747E

Trichromacy



Original Color
56776C

Protanomaly
697269

Deuteranomaly
6E706D

Tritanomaly
597577

Monochromacy



Original Color
56776C

Achromatopsia
6C6C6C

Achromatomaly
64706C

CSS Examples

Text

The CSS property to change the color of the text to Hex 56776C 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 #56776C looks like.

```
.text, #text, p{  
    color:#56776C  
}
```

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 #56776C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #56776C
}
```

Border

The CSS property to change the border of an element to Hex 56776C 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
#56776C }
```

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

```
.border{ border-color:#56776C }
```

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

Here you see how a box with a 4 pixel #56776C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #56776C; -webkit-box-shadow:4px 4px  
4px 4px #56776C; box-shadow:4px 4px 4px  
4px #56776C }
```

Background

The CSS property to change the background color of an element to Hex 56776C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#56776C }
```

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

```
.background{ background-color:#56776C }
```

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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