

Converting Colors

Hex(586970)

Have a look what the booklet for
Hex(586970) contains.

Hex(586970)	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(586970)

Conversions

Conversions Part 1

Format	Color
Hex	586970
RGB	88, 105, 112
RGB Percent	35%, 41%, 44%
CMY	0.6549, 0.5882, 0.5608
CMYK	0.21, 0.06, 0.00, 0.56
HSL	198°, 12%, 39%
HSV	198°, 21%, 44%
XYZ	12.0007, 13.3477, 17.2731
YIQ	100.7150, -12.3790, -1.4270

Conversions

Conversions Part 2

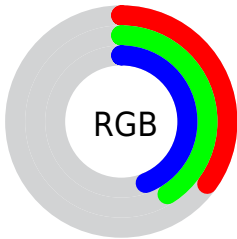
Format	Color
R_{YB}	88, 98, 112
Decimal	5794160
CIE _{Lab}	43.28, -4.69, -6.06
CIE _{LCh}	43, 7.661, 232.244
Yxy	13.3477, 0.2816, 0.3132
Android (android.graphics.Color)	4283984240 (0xFF586970)
YUV	100.7150, 5.5635, -11.1511
Hunter-Lab	36.5345, -5.3025, -2.4575

Details

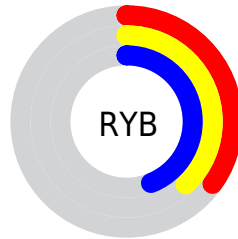
The Hex color **586970** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **705F58**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **8A9CA4**, and **2A3A40** is the 20% darker color. If you saturate the color by 10%, you get **4D6670**, and if you desaturate by 10%, it is **636C70**.

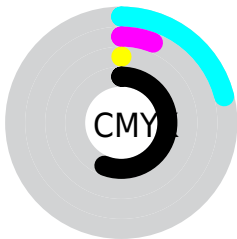
Distribution



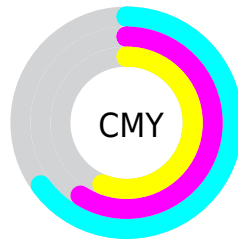
- Red (35%)
- Green (41%)
- Blue (44%)



- Red (35%)
- Yellow (38%)
- Blue (44%)



- Cyan (21%)
- Magenta (6%)
- Yellow (0%)
- Black (56%)



- Cyan (65%)
- Magenta (59%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 586970 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 586970 by changing the saturation by 10% instead.

■ 586970

■ 586970

FFFFFF

■ 405158

■ 8A9CA4

■ 2A3A40

■ A5B7BF

■ 14242A

■ C0D3DB

■ 000F16

■ DCEFF7

■ 000000

■ F8FFFF

■ 586970

■ 586970

■ 4D6670

■ 636C70

■ 426270

■ 6E7070

■ 365F70

■ 7A7370

■ 2B5C70

■ 857670

■ 205970

■ 907970

■ 155570

■ 9B7D70

■ 0A5270

■ A68070

■ 004F70

■ B28370

■ BD8670

Harmonies

Analogous

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



566A6B



586970



5E6773

Triad

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



586970



726268



66675A

Complementary

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



586970



705F58

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.



6D655A



586970



746262

Square

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



586970



6D636E



72635C



5F695E

Rectangle

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



586970



636673



72635C



69675A

Sweetspot

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



586970



898F91



58705F



45484A



C9C9C9



4A4A4A

Same Dimension

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



586970



6C8691



585D70



323638



005578



00AFF7

Inverse Universe

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



705869



916C86



706B58



383236



780055



F700AF

Previews

White Background



This preview shows how the Hex color 586970 looks on a white background.

Color Contrast Check

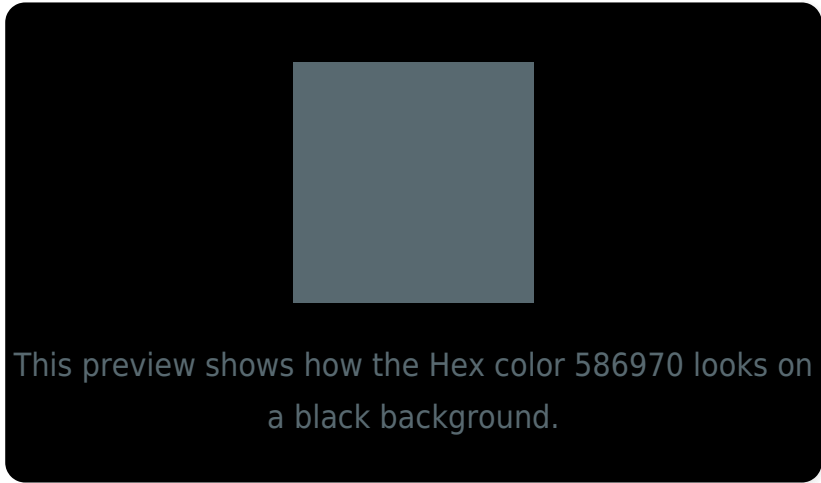
Large Text (above 18pt) WCAG AA ✓ Pass

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

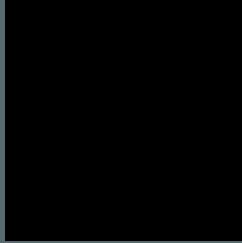
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

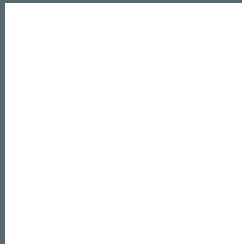
Any Text WCAG AAA × Fail

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

Hex 586970 Background



This preview shows how black text looks on a background with the Hex color 586970.



This preview shows how white text looks on a background with the Hex color 586970.

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](#).

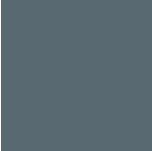
Dichromacy



Original Color
586970

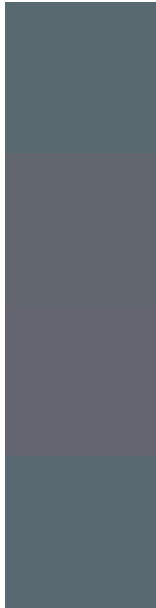
Protanopia
66656E

Deuteranopia
6B6371



Tritanopia
586971

Trichromacy



Original Color
586970

Protanomaly
61666F

Deuteranomaly
646571

Tritanomaly
586971

Monochromacy



Original Color
586970

Achromatopsia
656565

Achromatomaly
606669

CSS Examples

Text

The CSS property to change the color of the text to Hex 586970 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 #586970 looks like.

```
.text, #text, p{  
    color:#586970  
}
```

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 #586970 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #586970
}
```

Border

The CSS property to change the border of an element to Hex 586970 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
#586970 }
```

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

```
.border{ border-color:#586970 }
```

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

Here you see how a box with a 4 pixel #586970 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #586970; -webkit-box-shadow:4px 4px  
4px 4px #586970; box-shadow:4px 4px 4px  
4px #586970 }
```

Background

The CSS property to change the background color of an element to Hex 586970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#586970 }
```

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

```
.background{ background-color:#586970 }
```

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