

Converting Colors

Hex(586B7A)

Have a look what the booklet for
Hex(586B7A) contains.

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Color

Hex(586B7A)

Conversions

Conversions Part 1

Format	Color
Hex	586B7A
RGB	88, 107, 122
RGB Percent	35%, 42%, 48%
CMY	0.6549, 0.5804, 0.5216
CMYK	0.28, 0.12, 0.00, 0.52
HSL	206°, 16%, 41%
HSV	206°, 28%, 48%
XYZ	12.7950, 13.9952, 20.4393
YIQ	103.0290, -16.1390, 0.6370

Conversions

Conversions Part 2

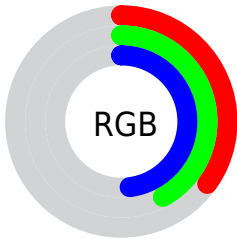
Format	Color
R_{YB}	88, 100, 122
Decimal	5794682
CIE _{Lab}	44.23, -3.34, -10.68
CIE _{LCh}	44, 11.188, 252.626
Yxy	13.9952, 0.2709, 0.2963
Android (android.graphics.Color)	4283984762 (0xFF586B7A)
YUV	103.0290, 9.3527, -13.1804
Hunter-Lab	37.4102, -4.4173, -6.2064

Details

The Hex color **586B7A** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7A6758**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **8B9EAE**, and **293C49** is the 20% darker color. If you saturate the color by 10%, you get **4C667A**, and if you desaturate by 10%, it is **64707A**.

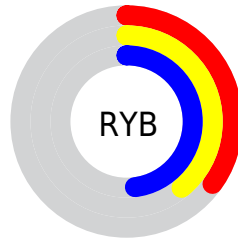
Distribution



Red (35%)

Green (42%)

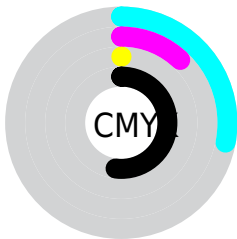
Blue (48%)



Red (35%)

Yellow (39%)

Blue (48%)

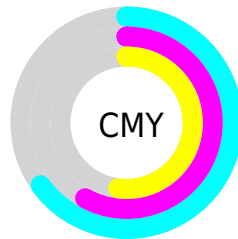


Cyan (28%)

Magenta (12%)

Yellow (0%)

Black (52%)



Cyan (65%)

Magenta (58%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 586B7A 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 586B7A by changing the saturation by 10% instead.

■ 586B7A

■ 586B7A

FFFFFF

■ 405361

■ 8B9EAE

■ 293C49

■ A5B9CA

■ 132633

■ C1D5E6

■ 00111E

■ DDF1FF

■ 000002

■ F9FFFF

■ 000000

■ 586B7A

■ 586B7A

■ 4C667A

■ 64707A

■ 40607A

■ 70767A

■ 335B7A

■ 7D7B7A

■ 27557A

■ 89817A

■ 1B507A

■ 95867A

■ 0F4B7A

■ A18B7A

■ 03457A

■ AD917A

■ 00447A

■ BA967A

■ C69B7A

Harmonies

Analogous

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



516D75



586B7A



63687B

Triad

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



586B7A



7C6265



616C5B

Complementary

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



586B7A



7A6758

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.



6C6956



586B7A



7B635C

Square

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



586B7A



78636E



756657



576E63

Rectangle

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



586B7A



6B6678



756657



656B59

Sweetspot

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



586B7A



91999E



587A67



474C4F



CFCFCF



4F4F4F

Same Dimension

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



586B7A



6A879E



585A7A



373A3D



00467D



008DFC

Inverse Universe

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



7A586B



9E6A87



7A7858



3D373A



7D0046



FC008D

Previews

White Background



This preview shows how the Hex color 586B7A 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

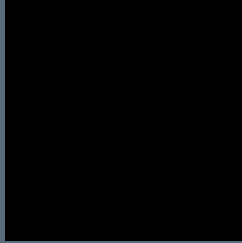
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

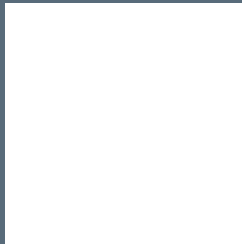
Any Text WCAG AAA × Fail

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

Hex 586B7A Background



This preview shows how black text looks on a background with the Hex color 586B7A.



This preview shows how white text looks on a background with the Hex color 586B7A.

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

586B7A

Protanopia

666878

Deuteranopia

69667B



Tritanopia
576C75

Trichromacy



Original Color
586B7A

Protanomaly
616979

Deuteranomaly
63687B

Tritanomaly
576C77

Monochromacy



Original Color
586B7A

Achromatopsia
676767

Achromatomaly
62686E

CSS Examples

Text

The CSS property to change the color of the text to Hex 586B7A 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 #586B7A looks like.

```
.text, #text, p{  
    color:#586B7A  
}
```

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 #586B7A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #586B7A
}
```

Border

The CSS property to change the border of an element to Hex 586B7A 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
#586B7A }
```

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

```
.border{ border-color:#586B7A }
```

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

Here you see how a box with a 4 pixel #586B7A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #586B7A; -webkit-box-shadow:4px 4px  
4px 4px #586B7A; box-shadow:4px 4px 4px  
4px #586B7A }
```

Background

The CSS property to change the background color of an element to Hex 586B7A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#586B7A }
```

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

```
.background{ background-color:#586B7A }
```

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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