

Converting Colors

Hex(586F8A)

Have a look what the booklet for
Hex(586F8A) contains.

Hex(586F8A)	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(586F8A)

Conversions

Conversions Part 1

Format	Color
Hex	586F8A
RGB	88, 111, 138
RGB Percent	35%, 44%, 54%
CMY	0.6549, 0.5647, 0.4588
CMYK	0.36, 0.20, 0.00, 0.46
HSL	212°, 22%, 44%
HSV	212°, 36%, 54%
XYZ	14.2964, 15.2786, 26.2403
YIQ	107.2010, -22.3750, 3.5210

Conversions

Conversions Part 2

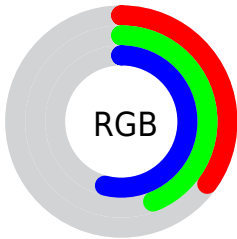
Format	Color
R _Y B	88, 104, 138
Decimal	5795722
CIE Lab	46.01, -1.39, -17.54
CIE LCh	46, 17.596, 265.468
Yxy	15.2786, 0.2561, 0.2737
Android (android.graphics.Color)	4283985802 (0xFF586F8A)
YUV	107.2010, 15.1839, -16.8393
Hunter-Lab	39.0878, -3.1172, -12.4409

Details

The Hex color **586F8A** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **8A7358**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **8BA3C0**, and **273F58** is the 20% darker color. If you saturate the color by 10%, you get **4A688A**, and if you desaturate by 10%, it is **66768A**.

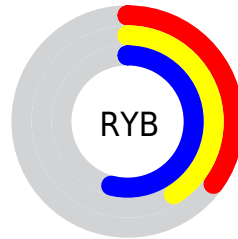
Distribution



Red (35%)

Green (44%)

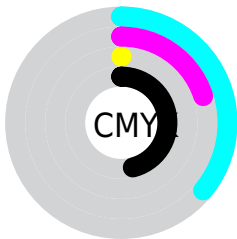
Blue (54%)



Red (35%)

Yellow (41%)

Blue (54%)

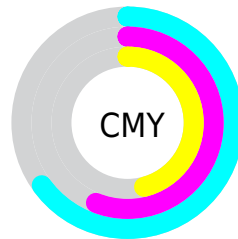


Cyan (36%)

Magenta (20%)

Yellow (0%)

Black (46%)



Cyan (65%)

Magenta (56%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 586F8A 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 586F8A by changing the saturation by 10% instead.

■ 586F8A

■ 586F8A

FFFFFF

■ 3F5771

■ 8BA3C0

■ 273F58

■ A6BEDB

■ 0E2A41

■ C2D9F8

■ 00152A

■ DEF6FF

■ 000116

■ FBFFFF

■ 000000

■ 586F8A

■ 586F8A

■ 4A688A

■ 66768A

■ 3C608A

■ 747E8A

■ 2F598A

■ 81858A

■ 21518A

■ 8F8D8A

■ 134A8A

■ 9D948A

■ 05428A

■ AB9C8A

■ 003F8A

■ B9A38A

■ C6AB8A

■ D4B28A

Harmonies

Analogous

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



477385



586F8A



6C6A87

Triad

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



586F8A



8B6361



5A735C

Complementary

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



586F8A



8A7358

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.



6B7052



586F8A



866655

Square

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



586F8A



896370



7A6B50



4A756A

Rectangle

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



586F8A



796782



7A6B50



5F7258

Sweetspot

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



586F8A



9FA8B3



588A73



4E5359



D9D9D9



595959

Same Dimension

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



586F8A



6689B3



5A588A



3E4145



003D85



000205

Inverse Universe

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



8A586F



B36689



888A58



453E41



85003D



050002

Previews

White Background



This preview shows how the Hex color 586F8A looks on a white background.

Color Contrast Check

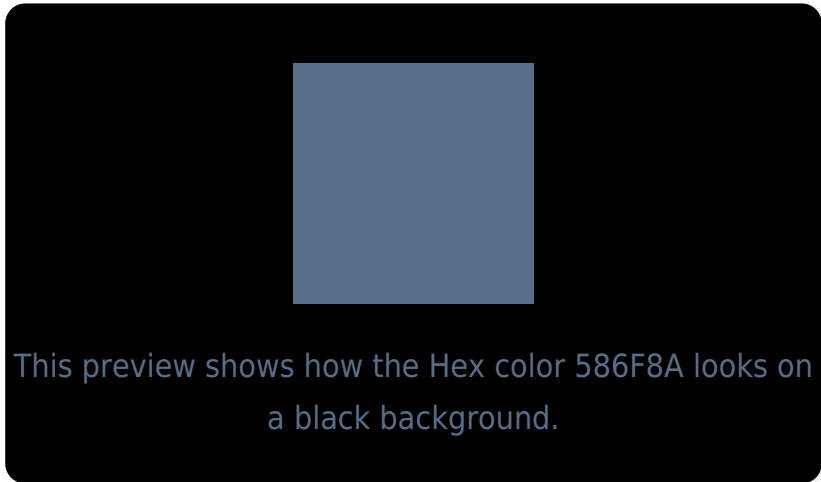
Large Text (above 18pt) WCAG AA ✓ Pass

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

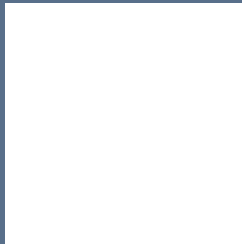
Any Text WCAG AAA × Fail

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

Hex 586F8A Background



This preview shows how black text looks on a background with the Hex color 586F8A.

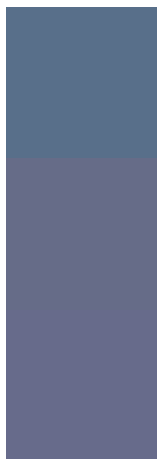


This preview shows how white text looks on a background with the Hex color 586F8A.

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
586F8A

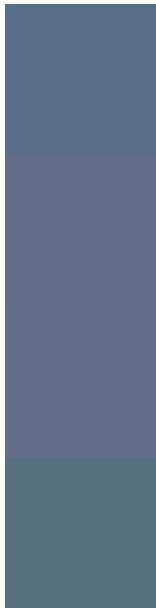
Protanopia
666C88

Deuteranopia
676B8B



Tritanopia
54727B

Trichromacy



Original Color
586F8A

Protanomaly
616D89

Deuteranomaly
626C8B

Tritanomaly
557180

Monochromacy



Original Color
586F8A

Achromatopsia
6B6B6B

Achromatomaly
646C76

CSS Examples

Text

The CSS property to change the color of the text to Hex 586F8A 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 #586F8A looks like.

```
.text, #text, p{  
    color:#586F8A  
}
```

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 #586F8A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #586F8A
}
```

Border

The CSS property to change the border of an element to Hex 586F8A is called "border". The border property can be set on classes, ids or directly on the HTML element.

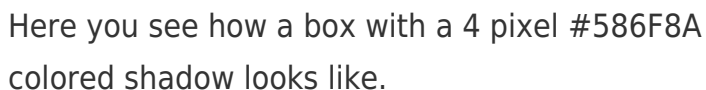
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#586F8A }
```

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

```
.border{ border-color:#586F8A }
```

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



Here you see how a box with a 4 pixel #586F8A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #586F8A; -webkit-box-shadow:4px 4px  
4px 4px #586F8A; box-shadow:4px 4px 4px  
4px #586F8A }
```

Background

The CSS property to change the background color of an element to Hex 586F8A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#586F8A }
```

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

```
.background{ background-color:#586F8A }
```

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