

Converting Colors

Hex(586D8F)

Have a look what the booklet for
Hex(586D8F) contains.

Hex(586D8F)	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(586D8F)

Conversions

Conversions Part 1

Format	Color
Hex	586D8F
RGB	88, 109, 143
RGB Percent	35%, 43%, 56%
CMY	0.6549, 0.5725, 0.4392
CMYK	0.38, 0.24, 0.00, 0.44
HSL	217°, 24%, 45%
HSV	217°, 38%, 56%
XYZ	14.4511, 14.9952, 28.1193
YIQ	106.5970, -23.4300, 6.1220

Conversions

Conversions Part 2

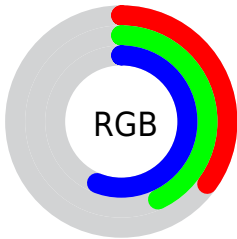
Format	Color
R_{YB}	88, 103, 143
Decimal	5795215
CIE Lab	45.63, 1.23, -21.11
CIE LCh	46, 21.145, 273.330
Yxy	14.9952, 0.2510, 0.2605
Android (android.graphics.Color)	4283985295 (0xFF586D8F)
YUV	106.5970, 17.9467, -16.3096
Hunter-Lab	38.7236, -1.1527, -15.9472

Details

The Hex color **586D8F** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **8F7A58**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **8CA0C5**, and **273E5D** is the 20% darker color. If you saturate the color by 10%, you get **4A648F**, and if you desaturate by 10%, it is **66768F**.

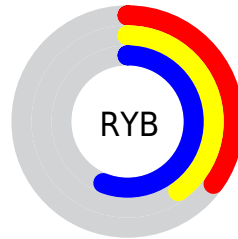
Distribution



Red (35%)

Green (43%)

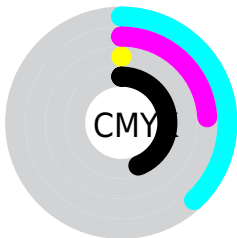
Blue (56%)



Red (35%)

Yellow (40%)

Blue (56%)

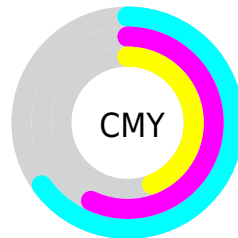


Cyan (38%)

Magenta (24%)

Yellow (0%)

Black (44%)



Cyan (65%)

Magenta (57%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 586D8F 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 586D8F by changing the saturation by 10% instead.

■ 586D8F

■ 586D8F

FFFFFF

■ 3F5575

■ 8CA0C5

■ 273E5D

■ A7BBE1

■ 0C2845

■ C2D7FE

■ 00142E

■ DFF3FF

■ 00011A

■ FCFFFF

■ 000000

■ 586D8F

■ 586D8F

■ 4A648F

■ 66768F

■ 3B5B8F

■ 757F8F

■ 2D528F

■ 83888F

■ 1F4A8F

■ 91908F

■ 10418F

■ A0998F

■ 02388F

■ AEA28F

■ 00378F

■ BCAB8F

■ CAB48F

■ D9BD8F

Harmonies

Analogous

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



40728B



586D8F



71678A

Triad

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



586D8F



8E6159



4F745C

Complementary

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



586D8F



8F7A58

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.



64714E



586D8F



86664D

Square

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



586D8F



8E5F6B



776C49



3C766D

Rectangle

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



586D8F



7F6381



776C49



567356

Sweetspot

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



586D8F



A4ACBA



588F7A



51565E



DEDEDE



5E5E5E

Same Dimension

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



586D8F



6585BA



5E588F



404347



003487



000308

Inverse Universe

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



8F586D



BA6585



898F58



474043



870034



080003

Previews

White Background



This preview shows how the Hex color 586D8F looks on a white background.

Color Contrast Check

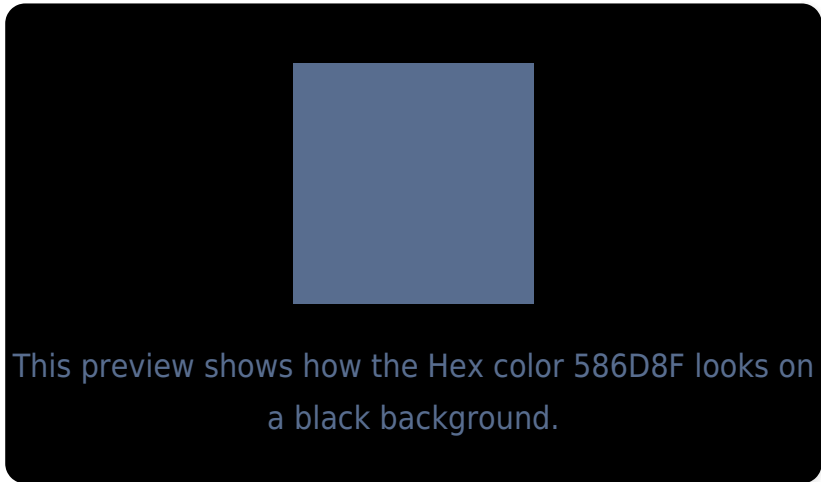
Large Text (above 18pt) WCAG AA ✓ Pass

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

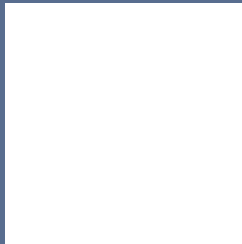
Any Text WCAG AAA × Fail

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

Hex 586D8F Background



This preview shows how black text looks on a background with the Hex color 586D8F.

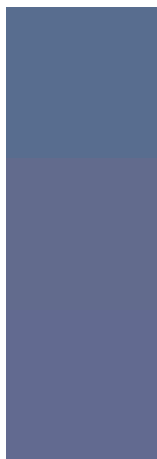


This preview shows how white text looks on a background with the Hex color 586D8F.

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

586D8F

Protanopia

626B8D

Deuteranopia

626A90



Tritanopia
53717A

Trichromacy



Original Color
586D8F

Protanomaly
5E6C8E

Deuteranomaly
5E6B90

Tritanomaly
557082

Monochromacy



Original Color
586D8F

Achromatopsia
6B6B6B

Achromatomaly
646C78

CSS Examples

Text

The CSS property to change the color of the text to Hex 586D8F 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 #586D8F looks like.

```
.text, #text, p{  
    color:#586D8F  
}
```

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 #586D8F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #586D8F
}
```

Border

The CSS property to change the border of an element to Hex 586D8F 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
#586D8F }
```

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

```
.border{ border-color:#586D8F }
```

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

Here you see how a box with a 4 pixel #586D8F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #586D8F; -webkit-box-shadow:4px 4px  
4px 4px #586D8F; box-shadow:4px 4px 4px  
4px #586D8F }
```

Background

The CSS property to change the background color of an element to Hex 586D8F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#586D8F }
```

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

```
.background{ background-color:#586D8F }
```

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