

Converting Colors

Hex(5F758E)

Have a look what the booklet for
Hex(5F758E) contains.

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Color

Hex(5F758E)

Conversions

Conversions Part 1

Format	Color
Hex	5F758E
RGB	95, 117, 142
RGB Percent	37%, 46%, 56%
CMY	0.6275, 0.5412, 0.4431
CMYK	0.33, 0.18, 0.00, 0.44
HSL	212°, 20%, 46%
HSV	212°, 33%, 56%
XYZ	15.9631, 17.1085, 28.0521
YIQ	113.2720, -21.1370, 3.1110

Conversions

Conversions Part 2

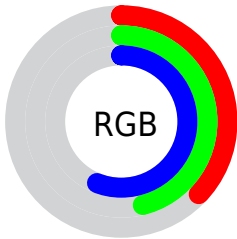
Format	Color
R_{YB}	95, 110, 142
Decimal	6256014
CIE _{Lab}	48.40, -1.71, -16.23
CIE _{LCh}	48, 16.323, 264.001
Yxy	17.1085, 0.2612, 0.2799
Android (android.graphics.Color)	4284446094 (0xFF5F758E)
YUV	113.2720, 14.1629, -16.0245
Hunter-Lab	41.3624, -3.4952, -11.2570

Details

The Hex color **5F758E** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **8E785F**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **93A9C4**, and **2E455C** is the 20% darker color. If you saturate the color by 10%, you get **516D8E**, and if you desaturate by 10%, it is **6D7D8E**.

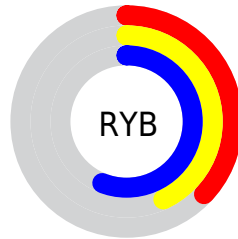
Distribution



Red (37%)

Green (46%)

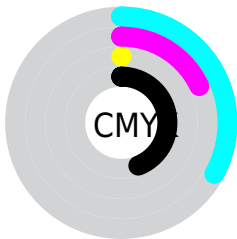
Blue (56%)



Red (37%)

Yellow (43%)

Blue (56%)

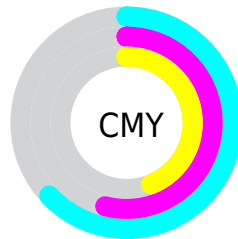


Cyan (33%)

Magenta (18%)

Yellow (0%)

Black (44%)



Cyan (63%)

Magenta (54%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5F758E 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 5F758E by changing the saturation by 10% instead.

■ 5F758E

■ 5F758E

FFFFFF

■ 465C74

■ 93A9C4

■ 2E455C

■ AEC4E0

■ 162F44

■ C9E0FC

■ 001A2E

■ E6FDFE

■ 000119

■ 000000

■ 5F758E

■ 5F758E

■ 516D8E

■ 6D7D8E

■ 43668E

■ 7B848E

■ 345E8E

■ 8A8C8E

■ 26578E

■ 98938E

■ 184F8E

■ A69B8E

■ 0A488E

■ B4A28E

■ 00428E

■ C2AA8E

■ D1B18E

■ DFB98E

Harmonies

Analogous

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



507989



5F758E



72708C

Triad

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



5F758E



8F6A68



627962

Complementary

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



5F758E



8E785F

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.



72755A



5F758E



8B6D5D

Square

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



5F758E



8D6976



807158



547B70

Rectangle

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



5F758E



7D6D87



807158



67785F

Sweetspot

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



5F758E



A5AEB8



5F8E77



51565C



DBDBDB



5C5C5C

Same Dimension

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



5F758E



6E91B8



605F8E



404447



003F87



000408

Inverse Universe

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



8E5F75



B86E91



8D8E5F



474044



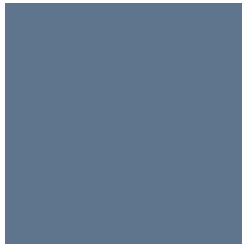
87003F



080004

Previews

White Background



This preview shows how the Hex color 5F758E 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

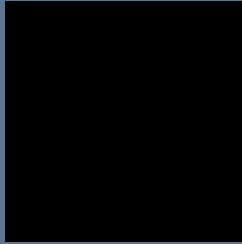
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

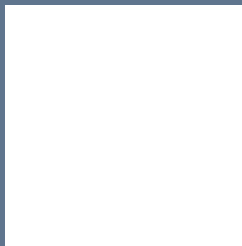
Any Text WCAG AAA × Fail

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

Hex 5F758E Background



This preview shows how black text looks on a background with the Hex color 5F758E.



This preview shows how white text looks on a background with the Hex color 5F758E.

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
5F758E

Protanopia
6D728C

Deuteranopia
6F708F



Tritanopia
5C7781

Trichromacy



Original Color
5F758E

Protanomaly
68738D

Deuteranomaly
69728F

Tritanomaly
5D7686

Monochromacy



Original Color
5F758E

Achromatopsia
717171

Achromatomaly
6A727C

CSS Examples

Text

The CSS property to change the color of the text to Hex 5F758E 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 #5F758E looks like.

```
.text, #text, p{  
    color:#5F758E  
}
```

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 #5F758E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F758E
}
```

Border

The CSS property to change the border of an element to Hex 5F758E is called "border". The border property can be set on classes, ids or directly on the HTML element.

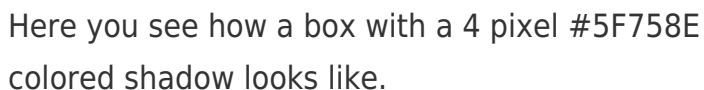
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5F758E }
```

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

```
.border{ border-color:#5F758E }
```

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



Here you see how a box with a 4 pixel #5F758E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F758E; -webkit-box-shadow:4px 4px  
4px 4px #5F758E; box-shadow:4px 4px 4px  
4px #5F758E }
```

Background

The CSS property to change the background color of an element to Hex 5F758E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F758E }
```

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

```
.background{ background-color:#5F758E }
```

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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