

Converting Colors

Hex(5E758A)

Have a look what the booklet for
Hex(5E758A) contains.

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Color

Hex(5E758A)

Conversions

Conversions Part 1

Format	Color
Hex	5E758A
RGB	94, 117, 138
RGB Percent	37%, 46%, 54%
CMY	0.6314, 0.5412, 0.4588
CMYK	0.32, 0.15, 0.00, 0.46
HSL	209°, 19%, 45%
HSV	209°, 32%, 54%
XYZ	15.5648, 16.9372, 26.4936
YIQ	112.5170, -20.4490, 1.6550

Conversions

Conversions Part 2

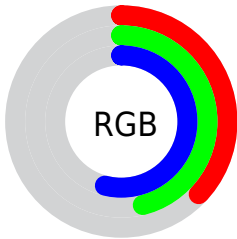
Format	Color
R _Y B	94, 109, 138
Decimal	6190474
CIE Lab	48.18, -3.09, -14.20
CIE LCh	48, 14.536, 257.725
Yxy	16.9372, 0.2638, 0.2871
Android (android.graphics.Color)	4284380554 (0xFF5E758A)
YUV	112.5170, 12.5631, -16.2394
Hunter-Lab	41.1549, -4.5121, -9.3598

Details

The Hex color **5E758A** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **8A735E**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **91A9BF**, and **2E4558** is the 20% darker color. If you saturate the color by 10%, you get **506E8A**, and if you desaturate by 10%, it is **6C7C8A**.

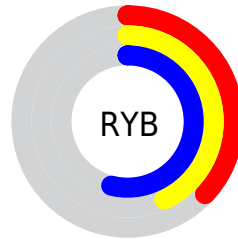
Distribution



Red (37%)

Green (46%)

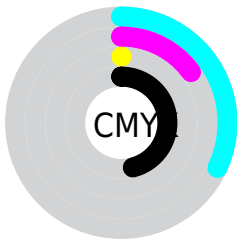
Blue (54%)



Red (37%)

Yellow (43%)

Blue (54%)

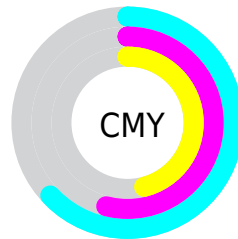


Cyan (32%)

Magenta (15%)

Yellow (0%)

Black (46%)



Cyan (63%)

Magenta (54%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5E758A 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 5E758A by changing the saturation by 10% instead.

■ 5E758A

■ 5E758A

FFFFFF

■ 455C71

■ 91A9BF

■ 2E4558

■ ACC4DB

■ 162F41

■ C8E0F8

■ 001A2B

■ E4FDFF

■ 000116

■ 000000

■ 5E758A

■ 5E758A

■ 506E8A

■ 6C7C8A

■ 42688A

■ 7A828A

■ 35618A

■ 87898A

■ 275B8A

■ 958F8A

■ 19548A

■ A3968A

■ 0B4D8A

■ B19D8A

■ 00488A

■ BFA38A

■ CCAA8A

■ DAB08A

Harmonies

Analogous

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



537884



5E758A



6E718A

Triad

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



5E758A



8C6A6B



667762

Complementary

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



5E758A



8A735E

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.



74745B



5E758A



896C61

Square

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



5E758A



886A78



81705B



59796D

Rectangle

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



5E758A



796E86



81705B



6B765F

Sweetspot

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



5E758A



A1AAB3



5E8A73



4F5459



D9D9D9



595959

Same Dimension

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



5E758A



6F92B3



5E5F8A



3E4245



004585



000305

Inverse Universe

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



8A5E75



B36F92



8A895E



453E42



850045



050003

Previews

White Background



This preview shows how the Hex color 5E758A 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

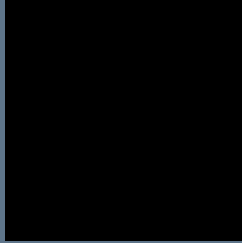
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

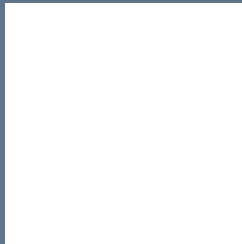
Any Text WCAG AAA × Fail

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

Hex 5E758A Background



This preview shows how black text looks on a background with the Hex color 5E758A.



This preview shows how white text looks on a background with the Hex color 5E758A.

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
5E758A

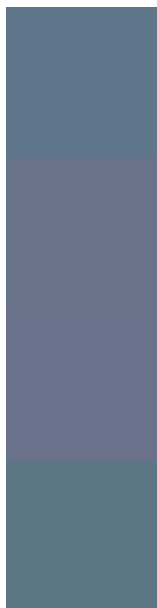
Protanopia
6E7187

Deuteranopia
71708B



Tritanopia
5C7780

Trichromacy



Original Color

5E758A

Protanomaly

687288

Deuteranomaly

6A728B

Tritanomaly

5D7684

Monochromacy



Original Color

5E758A

Achromatopsia

717171

Achromatomaly

6A727A

CSS Examples

Text

The CSS property to change the color of the text to Hex 5E758A 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 #5E758A looks like.

```
.text, #text, p{  
    color:#5E758A  
}
```

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 #5E758A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E758A
}
```

Border

The CSS property to change the border of an element to Hex 5E758A 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
#5E758A }
```

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

```
.border{ border-color:#5E758A }
```

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

Here you see how a box with a 4 pixel #5E758A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E758A; -webkit-box-shadow:4px 4px  
4px 4px #5E758A; box-shadow:4px 4px 4px  
4px #5E758A }
```

Background

The CSS property to change the background color of an element to Hex 5E758A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E758A }
```

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

```
.background{ background-color:#5E758A }
```

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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