

Converting Colors

Hex(58768E)

Have a look what the booklet for
Hex(58768E) contains.

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Color

Hex(58768E)

Conversions

Conversions Part 1

Format	Color
Hex	58768E
RGB	88, 118, 142
RGB Percent	35%, 46%, 56%
CMY	0.6549, 0.5373, 0.4431
CMYK	0.38, 0.17, 0.00, 0.44
HSL	207°, 23%, 45%
HSV	207°, 38%, 56%
XYZ	15.3854, 16.9846, 28.0586
YIQ	111.7660, -25.5840, 1.1040

Conversions

Conversions Part 2

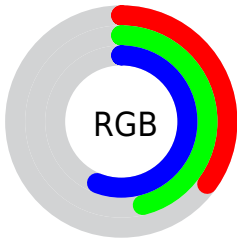
Format	Color
R_{YB}	88, 107, 142
Decimal	5797518
CIE _{Lab}	48.24, -4.40, -16.51
CIE _{LCh}	48, 17.089, 255.070
Yxy	16.9846, 0.2546, 0.2811
Android (android.graphics.Color)	4283987598 (0xFF58768E)
YUV	111.7660, 14.9054, -20.8428
Hunter-Lab	41.2123, -5.4838, -11.5178

Details

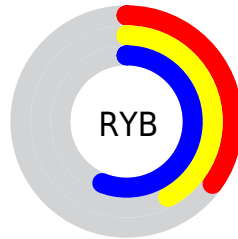
The Hex color **58768E** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **8E7058**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **8CAAC4**, and **26465C** is the 20% darker color. If you saturate the color by 10%, you get **4A708E**, and if you desaturate by 10%, it is **667C8E**.

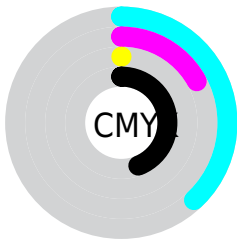
Distribution



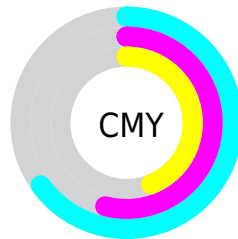
- Red (35%)
- Green (46%)
- Blue (56%)



- Red (35%)
- Yellow (42%)
- Blue (56%)



- Cyan (38%)
- Magenta (17%)
- Yellow (0%)
- Black (44%)



- Cyan (65%)
- Magenta (54%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 58768E 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 58768E by changing the saturation by 10% instead.

■ 58768E

■ 58768E

FFFFFF

■ 3F5D74

■ 8CAAC4

■ 26465C

■ A7C5E0

■ 0C3044

■ C2E1FC

■ 001B2E

■ DFFEFF

■ 000119

■ FCFFFF

■ 000000

■ 58768E

■ 58768E

■ 4A708E

■ 667C8E

■ 3C698E

■ 74838E

■ 2D638E

■ 83898E

■ 1F5D8E

■ 918F8E

■ 11568E

■ 9F968E

■ 03508E

■ AD9C8E

■ 004F8E

■ BBA28E

■ CAA88E

■ D8AF8E

Harmonies

Analogous

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



4B7986



58768E



6B718E

Triad

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



58768E



90686C



65785E

Complementary

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



58768E



8E7058

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.



767457



58768E



8D6B5F

Square

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



58768E



8B697A



846F57



567A6B

Rectangle

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



58768E



786E8A



846F57



6B775B

Sweetspot

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



58768E



A3AFB8



588E6F



50565C



DBDBDB



5C5C5C

Same Dimension

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



58768E



6392B8



585C8E



404447



004B87



000408

Inverse Universe

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



8E5876



B86392



8E8A58



474044



87004B



080004

Previews

White Background



This preview shows how the Hex color 58768E looks on a white background.

Color Contrast Check

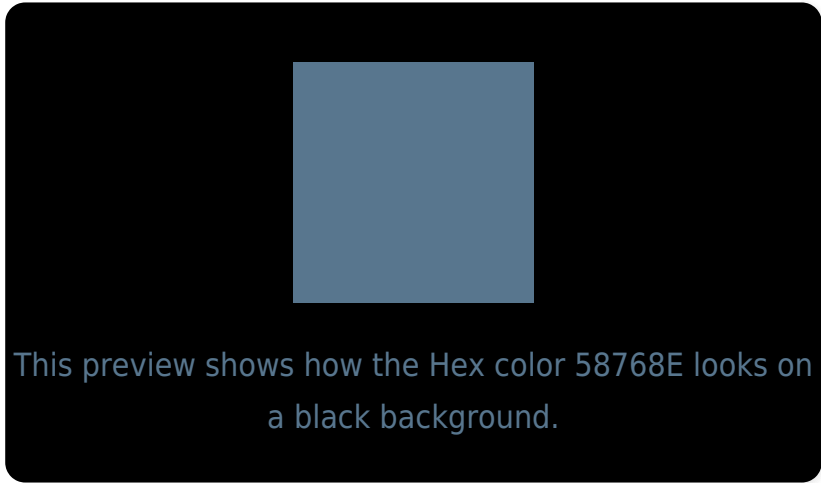
Large Text (above 18pt) WCAG AA ✓ Pass

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

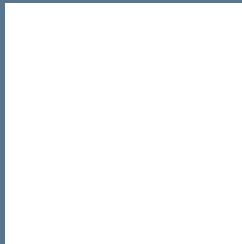
Any Text WCAG AAA × Fail

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

Hex 58768E Background



This preview shows how black text looks on a background with the Hex color 58768E.



This preview shows how white text looks on a background with the Hex color 58768E.

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





Tritanopia
557882

Trichromacy



Original Color
58768E

Protanomaly
65738C

Deuteranomaly
66728F

Tritanomaly
567786

Monochromacy



Original Color
58768E

Achromatopsia
707070

Achromatomaly
67727B

CSS Examples

Text

The CSS property to change the color of the text to Hex 58768E 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 #58768E looks like.

```
.text, #text, p{  
    color:#58768E  
}
```

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 #58768E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #58768E
}
```

Border

The CSS property to change the border of an element to Hex 58768E is called "border". The border property can be set on classes, ids or directly on the HTML element.

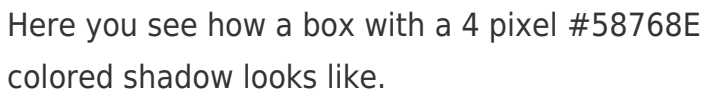
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#58768E }
```

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

```
.border{ border-color:#58768E }
```

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



Here you see how a box with a 4 pixel #58768E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #58768E; -webkit-box-shadow:4px 4px  
4px 4px #58768E; box-shadow:4px 4px 4px  
4px #58768E }
```

Background

The CSS property to change the background color of an element to Hex 58768E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#58768E }
```

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

```
.background{ background-color:#58768E }
```

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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