

Converting Colors

Hex(55748F)

Have a look what the booklet for
Hex(55748F) contains.

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Color

Hex(55748F)

Conversions

Conversions Part 1

Format	Color
Hex	55748F
RGB	85, 116, 143
RGB Percent	33%, 45%, 56%
CMY	0.6667, 0.5451, 0.4392
CMYK	0.41, 0.19, 0.00, 0.44
HSL	208°, 25%, 45%
HSV	208°, 41%, 56%
XYZ	14.9496, 16.4052, 28.3652
YIQ	109.8090, -27.1430, 1.8250

Conversions

Conversions Part 2

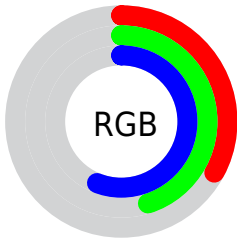
Format	Color
RYB	85, 105, 143
Decimal	5600399
CIELab	47.50, -3.82, -18.25
CIELCh	48, 18.643, 258.189
Yxy	16.4052, 0.2503, 0.2747
Android (android.graphics.Color)	4283790479 (0xFF55748F)
YUV	109.8090, 16.3632, -21.7575
Hunter-Lab	40.5034, -4.9973, -13.1694

Details

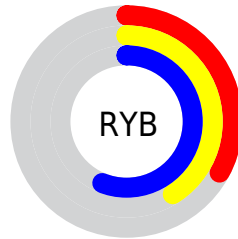
The Hex color **55748F** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **8F7055**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **89A8C5**, and **23445D** is the 20% darker color. If you saturate the color by 10%, you get **476D8F**, and if you desaturate by 10%, it is **637B8F**.

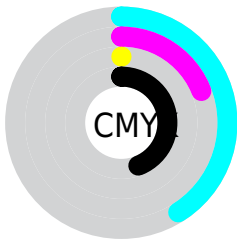
Distribution



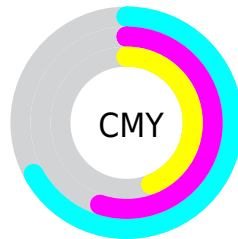
- Red (33%)
- Green (45%)
- Blue (56%)



- Red (33%)
- Yellow (41%)
- Blue (56%)



- Cyan (41%)
- Magenta (19%)
- Yellow (0%)
- Black (44%)



- Cyan (67%)
- Magenta (55%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 55748F 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 55748F by changing the saturation by 10% instead.

■ 55748F

■ 55748F

FFFFFF

■ 3C5B75

■ 89A8C5

■ 23445D

■ A4C3E1

■ 052E45

■ BFDFFD

■ 00192F

■ DCFCFF

■ 00011A

■ F9FFFF

■ 000000

■ 55748F

■ 55748F

■ 476D8F

■ 637B8F

■ 38678F

■ 72818F

■ 2A608F

■ 80888F

■ 1C598F

■ 8E8F8F

■ 0D538F

■ 9D958F

■ 004C8F

■ AB9C8F

■ B9A38F

■ C7A98F

■ D6B08F

Harmonies

Analogous

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



457888



55748F



6B6F8E

Triad

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



55748F



916668



60775B

Complementary

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



55748F



8F7055

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.



727353



55748F



8D695A

Square

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



55748F



8C6678



826E52



4F796A

Rectangle

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



55748F



796B89



826E52



667658

Sweetspot

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



55748F



A4B0BA



558F6F



51585E



DEDEDE



5E5E5E

Same Dimension

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



55748F



5F90BA



55588F



404447



004887



000408

Inverse Universe

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



8F5574



BA5F90



8F8C55



474044



870048



080004

Previews

White Background



This preview shows how the Hex color 55748F looks on a white background.

Color Contrast Check

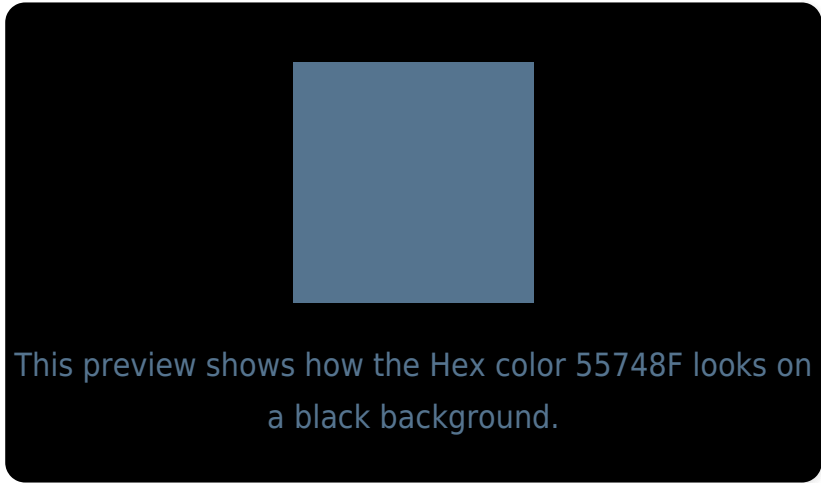
Large Text (above 18pt) WCAG AA ✓ Pass

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

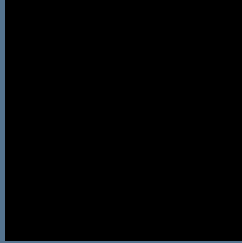
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

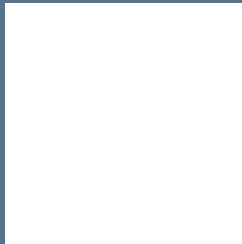
Any Text WCAG AAA × Fail

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

Hex 55748F Background



This preview shows how black text looks on a background with the Hex color 55748F.



This preview shows how white text looks on a background with the Hex color 55748F.

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
55748F

Protanopia
6A6F8C

Deuteranopia
6A6E90



Tritanopia
517780

Trichromacy



Original Color
55748F

Protanomaly
62718D

Deuteranomaly
627090

Tritanomaly
527685

Monochromacy



Original Color
55748F

Achromatopsia
6E6E6E

Achromatomaly
65707A

CSS Examples

Text

The CSS property to change the color of the text to Hex 55748F 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 #55748F looks like.

```
.text, #text, p{  
    color:#55748F  
}
```

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 #55748F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #55748F
}
```

Border

The CSS property to change the border of an element to Hex 55748F is called "border". The border property can be set on classes, ids or directly on the HTML element.

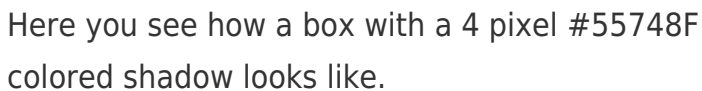
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#55748F }
```

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

```
.border{ border-color:#55748F }
```

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



Here you see how a box with a 4 pixel #55748F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #55748F; -webkit-box-shadow:4px 4px  
4px 4px #55748F; box-shadow:4px 4px 4px  
4px #55748F }
```

Background

The CSS property to change the background color of an element to Hex 55748F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#55748F }
```

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

```
.background{ background-color:#55748F }
```

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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