

Converting Colors

Hex(48758F)

Have a look what the booklet for
Hex(48758F) contains.

Hex(48758F)	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(48758F)

Conversions

Conversions Part 1

Format	Color
Hex	48758F
RGB	72, 117, 143
RGB Percent	28%, 46%, 56%
CMY	0.7176, 0.5412, 0.4392
CMYK	0.50, 0.18, 0.00, 0.44
HSL	202°, 33%, 42%
HSV	202°, 50%, 56%
XYZ	13.9917, 16.0835, 28.3536
YIQ	106.5090, -35.1660, -1.4540

Conversions

Conversions Part 2

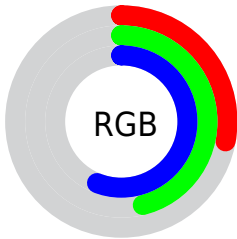
Format	Color
R_{YB}	72, 100, 143
Decimal	4748687
CIE _{Lab}	47.08, -7.91, -18.95
CIE _{LCh}	47, 20.534, 247.353
Yxy	16.0835, 0.2395, 0.2753
Android (android.graphics.Color)	4282938767 (0xFF48758F)
YUV	106.5090, 17.9901, -30.2644
Hunter-Lab	40.1042, -7.9066, -13.8450

Details

The Hex color **48758F** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **8F6248**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **7DA9C5**, and **0F455D** is the 20% darker color. If you saturate the color by 10%, you get **3A708F**, and if you desaturate by 10%, it is **567A8F**.

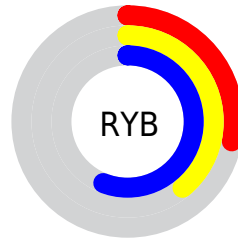
Distribution



Red (28%)

Green (46%)

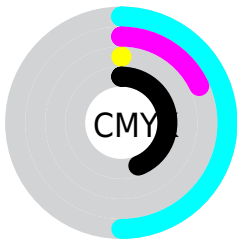
Blue (56%)



Red (28%)

Yellow (39%)

Blue (56%)

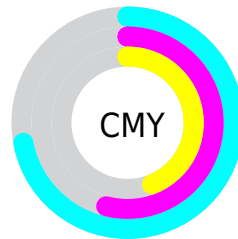


Cyan (50%)

Magenta (18%)

Yellow (0%)

Black (44%)



Cyan (72%)

Magenta (54%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 48758F 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 48758F by changing the saturation by 10% instead.

 48758F

 48758F

FFFFFF

 2E5C75

 7DA9C5

 0F455D

 98C4E1

 002F45

 B3E0FD

 001A2F

 D0FDFD

 00011A

 ECFDFF

 000000

 48758F

 48758F

 3A708F

 567A8F

 2B6B8F

 657F8F

■ 1D658F

■ 73858F

■ 0F608F

■ 818A8F

■ 005B8F

■ 908F8F

■ 9E948F

■ AC9A8F

■ BA9F8F

■ C9A48F

Harmonies

Analogous

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



3B7884



48758F



607092

Triad

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



48758F



92636C



657554

Complementary

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



48758F



8F6248

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.



78704D



48758F



91655C

Square

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



48758F



89657D



876A50



517862

Rectangle

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



48758F



706C8E



876A50



6B7351

Sweetspot

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



48758F



9EB0BA



488F61



4D585E



DEDEDE



5E5E5E

Same Dimension

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



48758F



4A91BA



48538F



404547



005687



000508

Inverse Universe

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



8F4875



BA4A91



8F8448



474045



870056



080005

Previews

White Background



This preview shows how the Hex color 48758F looks on a white background.

Color Contrast Check

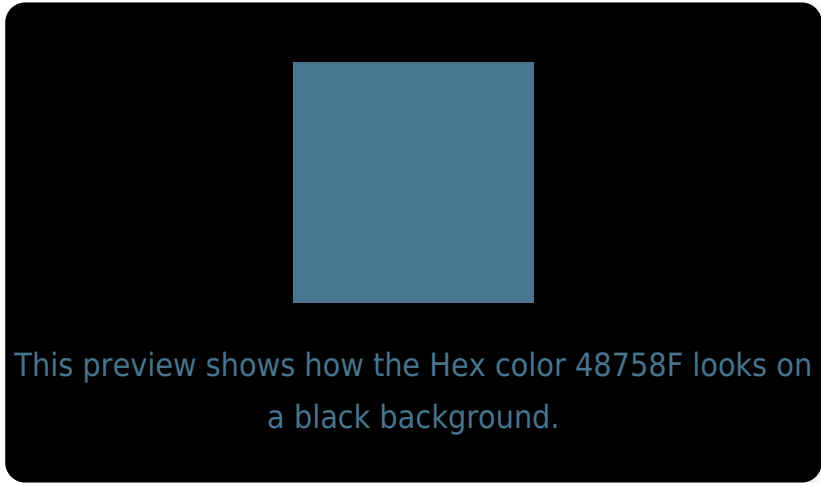
Large Text (above 18pt) WCAG AA ✓ Pass

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

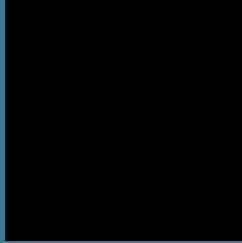
Any Text WCAG AA × Fail

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 48758F Background



This preview shows how black text looks on a background with the Hex color 48758F.

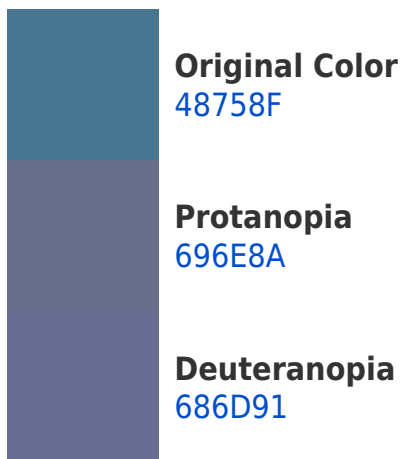


This preview shows how white text looks on a background with the Hex color 48758F.

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](#).

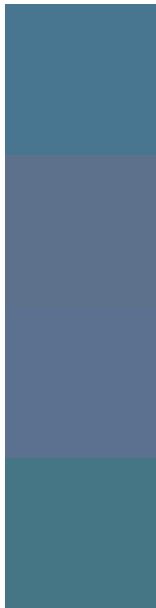
Dichromacy





Tritanopia
437781

Trichromacy



Original Color
48758F

Protanomaly
5D718C

Deuteranomaly
5C7090

Tritanomaly
457686

Monochromacy



Original Color
48758F

Achromatopsia
6B6B6B

Achromatomaly
5E6F78

CSS Examples

Text

The CSS property to change the color of the text to Hex 48758F 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 #48758F looks like.

```
.text, #text, p{  
    color:#48758F  
}
```

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 #48758F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #48758F
}
```

Border

The CSS property to change the border of an element to Hex 48758F is called "border". The border property can be set on classes, ids or directly on the HTML element.

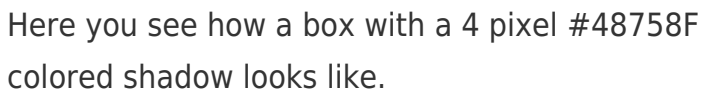
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#48758F }
```

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

```
.border{ border-color:#48758F }
```

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



Here you see how a box with a 4 pixel #48758F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #48758F; -webkit-box-shadow:4px 4px  
4px 4px #48758F; box-shadow:4px 4px 4px  
4px #48758F }
```

Background

The CSS property to change the background color of an element to Hex 48758F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#48758F }
```

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

```
.background{ background-color:#48758F }
```

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