

Converting Colors

Hex(48798C)

Have a look what the booklet for
Hex(48798C) contains.

Hex(48798C)	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(48798C)

Conversions

Conversions Part 1

Format	Color
Hex	48798C
RGB	72, 121, 140
RGB Percent	28%, 47%, 55%
CMY	0.7176, 0.5255, 0.4510
CMYK	0.49, 0.14, 0.00, 0.45
HSL	197°, 32%, 42%
HSV	197°, 49%, 55%
XYZ	14.2435, 16.9459, 27.3311
YIQ	108.5150, -35.3030, -4.4790

Conversions

Conversions Part 2

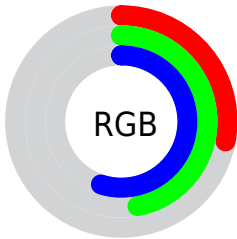
Format	Color
R_{YB}	72, 100, 140
Decimal	4749708
CIE _{Lab}	48.19, -11.11, -15.49
CIE _{LCh}	48, 19.059, 234.348
Yxy	16.9459, 0.2434, 0.2896
Android (android.graphics.Color)	4282939788 (0xFF48798C)
YUV	108.5150, 15.5221, -32.0237
Hunter-Lab	41.1654, -10.2774, -10.5489

Details

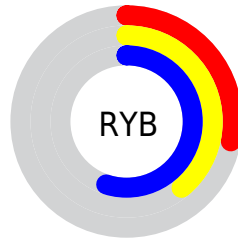
The Hex color **48798C** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **8C5B48**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **7DADC2**, and **0F485A** is the 20% darker color. If you saturate the color by 10%, you get **3A758C**, and if you desaturate by 10%, it is **567D8C**.

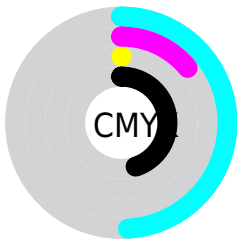
Distribution



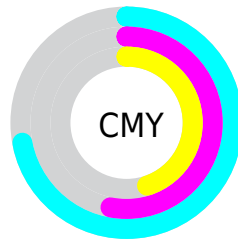
- Red (28%)
- Green (47%)
- Blue (55%)



- Red (28%)
- Yellow (39%)
- Blue (55%)



- Cyan (49%)
- Magenta (14%)
- Yellow (0%)
- Black (45%)



- Cyan (72%)
- Magenta (53%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 48798C 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 48798C by changing the saturation by 10% instead.

■ 48798C

■ 48798C

FFFFFF

■ 2E6072

■ 7DADC2

■ 0F485A

■ 98C9DD

■ 003242

■ B3E5FA

■ 001D2C

■ D0FFFF

■ 000118

■ ECFFFF

■ 000000

■ 48798C

■ 48798C

■ 3A758C

■ 567D8C

■ 2C718C

■ 64818C

■ 1E6D8C

■ 72858C

■ 10698C

■ 80898C

■ 02658C

■ 8E8D8C

■ 00658C

■ 9C908C

■ AA948C

■ B8988C

■ C69C8C

Harmonies

Analogous

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



437B7F



48798C



5A7592

Triad

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



48798C



906776



707555

Complementary

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



48798C



8C5B48

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.



817053



48798C



936766

Square

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



48798C



846A85



8D6B59



5E795F

Rectangle

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



48798C



697191



8D6B59



767453

Sweetspot

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



48798C



9AADB5



488C5A



4B575C



DBDBDB



5C5C5C

Same Dimension

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



48798C



4C98B5



48588C



3E4345



006085



000405

Inverse Universe

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



8C4879



B54C98



8C7C48



453E43



850060



050004

Previews

White Background



This preview shows how the Hex color 48798C looks on a white background.

Color Contrast Check

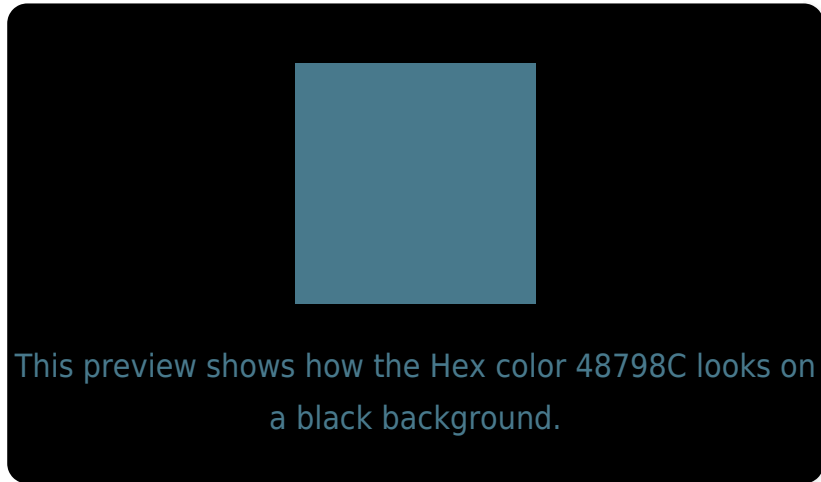
Large Text (above 18pt) WCAG AA ✓ Pass

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

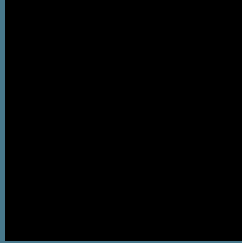
Any Text WCAG AA × Fail

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 48798C Background



This preview shows how black text looks on a background with the Hex color 48798C.

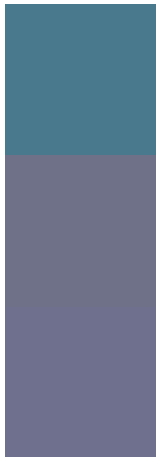


This preview shows how white text looks on a background with the Hex color 48798C.

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
48798C

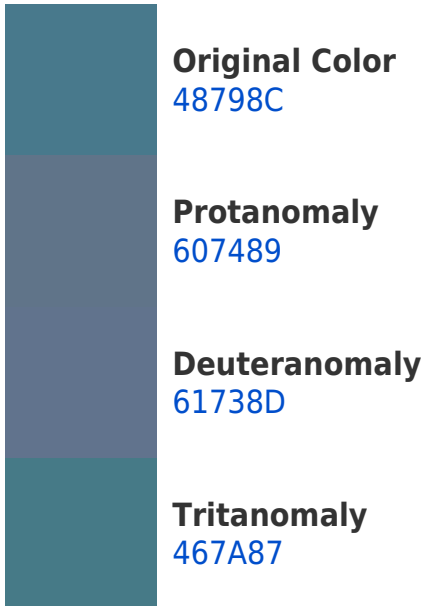
Protanopia
6E7187

Deuteranopia
6F708E



Tritanopia
457A84

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 48798C 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 #48798C looks like.

```
.text, #text, p{  
    color:#48798C  
}
```

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 #48798C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #48798C
}
```

Border

The CSS property to change the border of an element to Hex 48798C 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
#48798C }
```

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

```
.border{ border-color:#48798C }
```

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

Here you see how a box with a 4 pixel #48798C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #48798C; -webkit-box-shadow:4px 4px  
4px 4px #48798C; box-shadow:4px 4px 4px  
4px #48798C }
```

Background

The CSS property to change the background color of an element to Hex 48798C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#48798C }
```

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

```
.background{ background-color:#48798C }
```

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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