

Converting Colors

Hex(46798B)

Have a look what the booklet for
Hex(46798B) contains.

Hex(46798B)	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(46798B)

Conversions

Conversions Part 1

Format	Color
Hex	46798B
RGB	70, 121, 139
RGB Percent	27%, 47%, 55%
CMY	0.7255, 0.5255, 0.4549
CMYK	0.50, 0.13, 0.00, 0.45
HSL	196°, 33%, 41%
HSV	196°, 50%, 55%
XYZ	14.0234, 16.8409, 26.9376
YIQ	107.8030, -36.1740, -5.2140

Conversions

Conversions Part 2

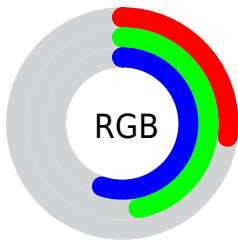
Format	Color
RYB	70, 99, 139
Decimal	4618635
CIELab	48.06, -11.91, -15.11
CIElCh	48, 19.238, 231.747
Yxy	16.8409, 0.2426, 0.2914
Android (android.graphics.Color)	4282808715 (0xFF46798B)
YUV	107.8030, 15.3801, -33.1532
Hunter-Lab	41.0377, -10.8191, -10.1923

Details

The Hex color **46798B** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **8B5846**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **7BADC1**, and **0B4859** is the 20% darker color. If you saturate the color by 10%, you get **38758B**, and if you desaturate by 10%, it is **547D8B**.

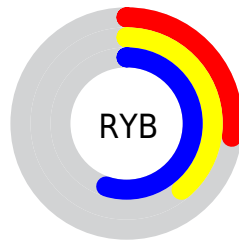
Distribution



Red (27%)

Green (47%)

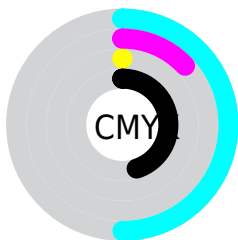
Blue (55%)



Red (27%)

Yellow (39%)

Blue (55%)

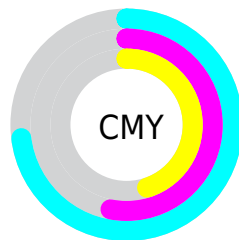


Cyan (50%)

Magenta (13%)

Yellow (0%)

Black (45%)



Cyan (73%)

Magenta (53%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 46798B 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 46798B by changing the saturation by 10% instead.

■ 46798B

■ 46798B

FFFFFF

■ 2B6072

■ 7BADC1

■ 0B4859

■ 96C9DC

■ 003242

■ B1E5F9

■ 001D2B

■ CEFFFF

■ 000117

■ EAFFFF

■ 000000

■ 46798B

■ 46798B

■ 38758B

■ 547D8B

■ 2A728B

■ 62808B

■ 1C6E8B

■ 70848B

■ 0E6A8B

■ 7E888B

■ 01678B

■ 8B8B8B

■ 00678B

■ 998F8B

■ A7928B

■ B5968B

■ C39A8B

Harmonies

Analogous

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



427B7D



46798B



587592

Triad

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



46798B



8F6777



727554

Complementary

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



46798B



8B5846

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.



826F52



46798B



936767

Square

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



46798B



836A86



8E6A59



5F795E

Rectangle

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



46798B



677192



8E6A59



777352

Sweetspot

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



46798B



9AAEB5



468B57



4B575C



DBDBDB



5C5C5C

Same Dimension

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



46798B



4899B5



46578B



3E4345



006285



000405

Inverse Universe

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



8B4679



B54899



8B7A46



453E43



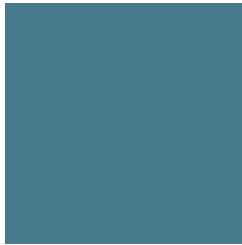
850062



050004

Previews

White Background



This preview shows how the Hex color 46798B looks on a white background.

Color Contrast Check

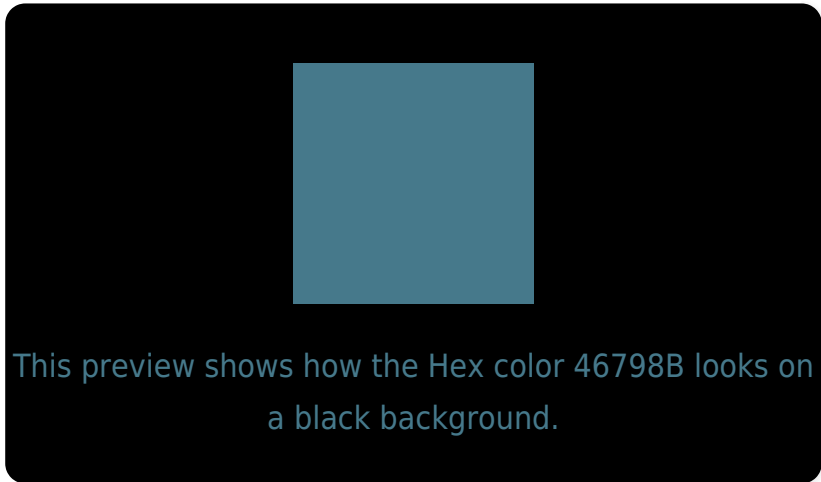
Large Text (above 18pt) WCAG AA ✓ Pass

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

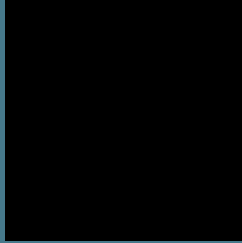
Any Text WCAG AA × Fail

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 46798B Background



This preview shows how black text looks on a background with the Hex color 46798B.

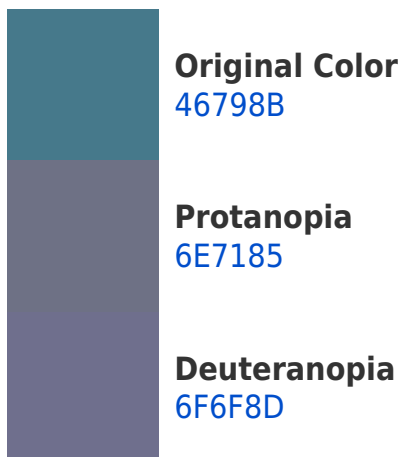


This preview shows how white text looks on a background with the Hex color 46798B.

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
447A84

Trichromacy



Original Color
46798B

Protanomaly
5F7487

Deuteranomaly
60738C

Tritanomaly
457A87

Monochromacy



Original Color
46798B

Achromatopsia
6C6C6C

Achromatomaly
5E7177

CSS Examples

Text

The CSS property to change the color of the text to Hex 46798B 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 #46798B looks like.

```
.text, #text, p{  
    color:#46798B  
}
```

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 #46798B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #46798B
}
```

Border

The CSS property to change the border of an element to Hex 46798B 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
#46798B }
```

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

```
.border{ border-color:#46798B }
```

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

Here you see how a box with a 4 pixel #46798B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #46798B; -webkit-box-shadow:4px 4px  
4px 4px #46798B; box-shadow:4px 4px 4px  
4px #46798B }
```

Background

The CSS property to change the background color of an element to Hex 46798B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#46798B }
```

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

```
.background{ background-color:#46798B }
```

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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