

Converting Colors

Hex(678D8D)

Have a look what the booklet for
Hex(678D8D) contains.

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Color

Hex(678D8D)

Conversions

Conversions Part 1

Format	Color
Hex	678D8D
RGB	103, 141, 141
RGB Percent	40%, 55%, 55%
CMY	0.5961, 0.4471, 0.4471
CMYK	0.27, 0.00, 0.00, 0.45
HSL	180°, 16%, 48%
HSV	180°, 27%, 55%
XYZ	19.9261, 23.8564, 28.7538
YIQ	129.6380, -22.6480, -8.0560

Conversions

Conversions Part 2

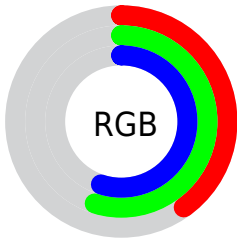
Format	Color
RYB	103, 122, 141
Decimal	6786445
CIELab	55.94, -13.07, -4.27
CIElCh	56, 13.755, 198.101
Yxy	23.8564, 0.2747, 0.3289
Android (android.graphics.Color)	4284976525 (0xFF678D8D)
YUV	129.6380, 5.6015, -23.3615
Hunter-Lab	48.8430, -12.6540, -0.7138

Details

The Hex color **678D8D** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **8D6767**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **9BC3C3**, and **365B5B** is the 20% darker color. If you saturate the color by 10%, you get **598D8D**, and if you desaturate by 10%, it is **758D8D**.

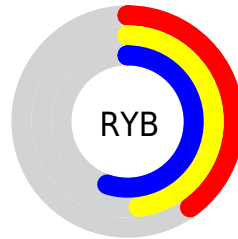
Distribution



Red (40%)

Green (55%)

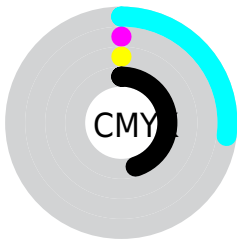
Blue (55%)



Red (40%)

Yellow (48%)

Blue (55%)

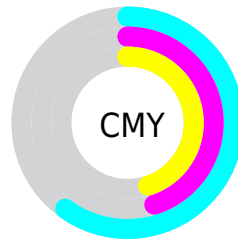


Cyan (27%)

Magenta (0%)

Yellow (0%)

Black (45%)



Cyan (60%)

Magenta (45%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 678D8D 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 678D8D by changing the saturation by 10% instead.

678D8D

678D8D

FFFFFF

4E7373

9BC3C3

365B5B

B6DFDE

1E4344

D2FBFB

052D2D

FFFFFF

001919

000000

678D8D

678D8D

598D8D

758D8D

4B8D8D

838D8D

3D8D8D

918D8D

2F8D8D

9F8D8D

208D8D

AD8D8D

128D8D

BC8D8D

048D8D

CA8D8D

008D8D

D88D8D

E68D8D

Harmonies

Analogous

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



6E8D81



678D8D



698C97

Triad

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



678D8D



918196



94846F

Complementary

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



678D8D



8D6767

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.



9D8075



678D8D



9B7E8B

Square

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



678D8D



82859D



9F7E7F



88886F

Rectangle

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



678D8D



6F8A9C



9F7E7F



978270

Sweetspot

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



678D8D



A9B8B8



678D67



535C5C



DBDBDB



5C5C5C

Same Dimension

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



678D8D



7DB8B8



677A8D



404747



008787



000808

Inverse Universe

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



8D678D



B87DB8



8D7A67



474047



870087



080008

Previews

White Background



This preview shows how the Hex color 678D8D looks on a white background.

Color Contrast Check

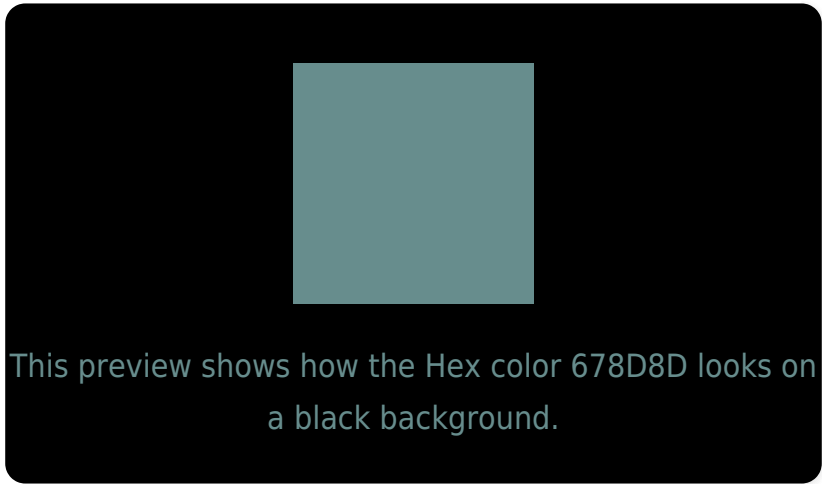
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

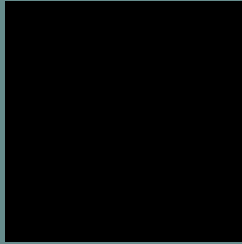
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 678D8D Background



This preview shows how black text looks on a background with the Hex color 678D8D.

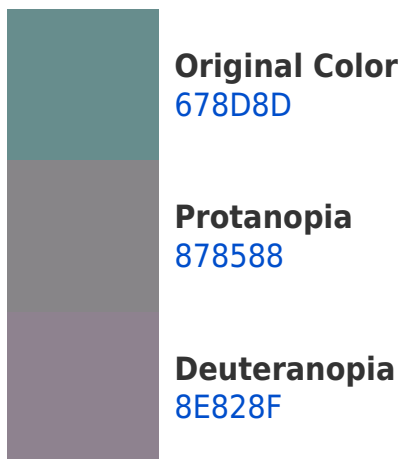


This preview shows how white text looks on a background with the Hex color 678D8D.

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](#).

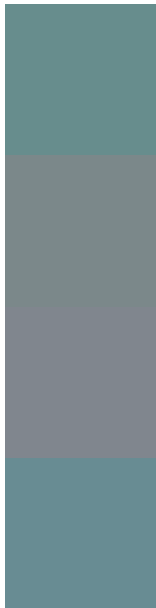
Dichromacy





Tritanopia
698C97

Trichromacy



Original Color
678D8D

Protanomaly
7B888A

Deuteranomaly
80868E

Tritanomaly
688C93

Monochromacy



Original Color
678D8D

Achromatopsia
828282

Achromatomaly
788686

CSS Examples

Text

The CSS property to change the color of the text to Hex 678D8D 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 #678D8D looks like.

```
.text, #text, p{  
  color:#678D8D  
}
```

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 #678D8D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #678D8D
}
```

Border

The CSS property to change the border of an element to Hex 678D8D 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".

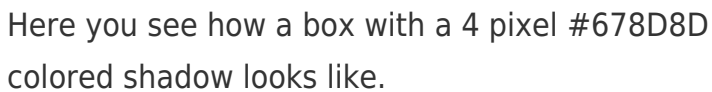
```
.border, #border, table{ border:4px solid
#678D8D }
```

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

```
.border{ border-color:#678D8D }
```

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

Here you see how a box with a 4 pixel #678D8D colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #678D8D; -webkit-box-shadow:4px 4px  
4px 4px #678D8D; box-shadow:4px 4px 4px  
4px #678D8D }
```

Background

The CSS property to change the background color of an element to Hex 678D8D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#678D8D }
```

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

```
.background{ background-color:#678D8D }
```

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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