

Converting Colors

Hex(678E8A)

Have a look what the booklet for
Hex(678E8A) contains.

Hex(678E8A)	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(678E8A)

Conversions

Conversions Part 1

Format	Color
Hex	678E8A
RGB	103, 142, 138
RGB Percent	40%, 56%, 54%
CMY	0.5961, 0.4431, 0.4588
CMYK	0.27, 0.00, 0.03, 0.44
HSL	174°, 16%, 48%
HSV	174°, 27%, 56%
XYZ	19.8540, 24.0645, 27.6433
YIQ	129.8830, -21.9600, -9.5120

Conversions

Conversions Part 2

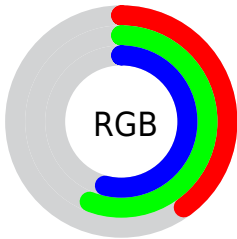
Format	Color
R_{YB}	103, 124, 142
Decimal	6786698
CIE _{Lab}	56.15, -14.33, -2.24
CIE _{LCh}	56, 14.506, 188.883
Yxy	24.0645, 0.2774, 0.3363
Android (android.graphics.Color)	4284976778 (0xFF678E8A)
YUV	129.8830, 4.0017, -23.5764
Hunter-Lab	49.0556, -13.6042, 0.9285

Details

The Hex color **678E8A** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **8E676B**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **9BC4BF**, and **365C58** is the 20% darker color. If you saturate the color by 10%, you get **598E89**, and if you desaturate by 10%, it is **758E8B**.

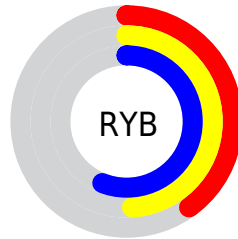
Distribution



Red (40%)

Green (56%)

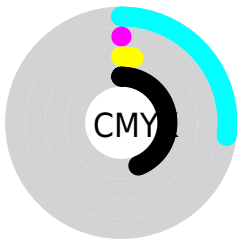
Blue (54%)



Red (40%)

Yellow (49%)

Blue (56%)

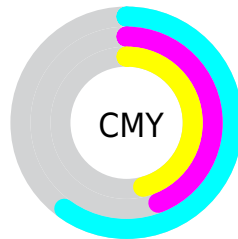


Cyan (27%)

Magenta (0%)

Yellow (3%)

Black (44%)



Cyan (60%)

Magenta (44%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 678E8A 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 678E8A by changing the saturation by 10% instead.

678E8A

678E8A

FFFFFF

4E7471

9BC4BF

365C58

B6E0DB

1E4441

D2FCF8

052E2B

FFFFFF

001A16

000000

678E8A

678E8A

598E89

758E8B

4B8E87

838E8D

■ 3C8E86

■ 928E8E

■ 2E8E84

■ A08E90

■ 208E83

■ AE8E91

■ 128E81

■ BC8E93

■ 048E80

■ CA8E94

■ 008E7F

■ D98E96

■ E78E97

Harmonies

Analogous

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



718D7D



678E8A



668D96

Triad

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



678E8A



8E829A



99836F

Complementary

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



678E8A



8E676B

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.



A07F77



678E8A



9A7F90

Square

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



678E8A



7D869F



A17E83



8D876E

Rectangle

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



678E8A



6A8B9C



A17E83



9C8171

Sweetspot

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



678E8A



A9B8B6



6C8E67



535C5B



DBDBDB



5C5C5C

Same Dimension

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



678E8A



7BB8B1



677F8E



404747



008779



000807

Inverse Universe

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



8E676B



B87B81



8E7667



474041



87000E



080001

Previews

White Background



This preview shows how the Hex color 678E8A looks on a white background.

Color Contrast Check

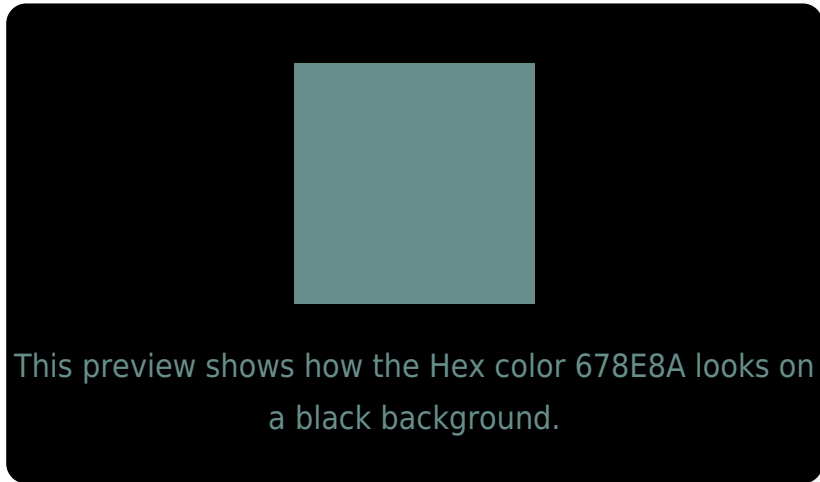
Large Text (above 18pt) WCAG AA ✓ Pass

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

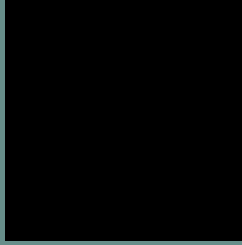
Any Text WCAG AA ✓ Pass

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 678E8A Background



This preview shows how black text looks on a background with the Hex color 678E8A.

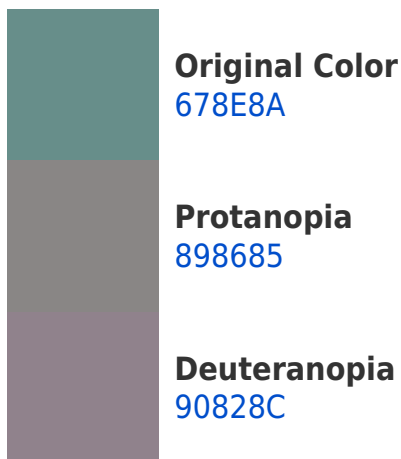


This preview shows how white text looks on a background with the Hex color 678E8A.

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](#).

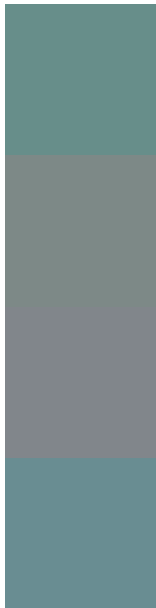
Dichromacy





Tritanopia
6A8C97

Trichromacy



Original Color
678E8A

Protanomaly
7D8987

Deuteranomaly
81868B

Tritanomaly
698D92

Monochromacy



Original Color
678E8A

Achromatopsia
828282

Achromatomaly
788685

CSS Examples

Text

The CSS property to change the color of the text to Hex 678E8A 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 #678E8A looks like.

```
.text, #text, p{  
    color:#678E8A  
}
```

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 #678E8A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #678E8A
}
```

Border

The CSS property to change the border of an element to Hex 678E8A 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
#678E8A }
```

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

```
.border{ border-color:#678E8A }
```

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

Here you see how a box with a 4 pixel #678E8A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #678E8A; -webkit-box-shadow:4px 4px  
4px 4px #678E8A; box-shadow:4px 4px 4px  
4px #678E8A }
```

Background

The CSS property to change the background color of an element to Hex 678E8A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#678E8A }
```

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

```
.background{ background-color:#678E8A }
```

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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