

Converting Colors

Hex(688E8A)

Have a look what the booklet for
Hex(688E8A) contains.

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Color

Hex(688E8A)

Conversions

Conversions Part 1

Format	Color
Hex	688E8A
RGB	104, 142, 138
RGB Percent	41%, 56%, 54%
CMY	0.5922, 0.4431, 0.4588
CMYK	0.27, 0.00, 0.03, 0.44
HSL	174°, 15%, 48%
HSV	174°, 27%, 56%
XYZ	19.9694, 24.1240, 27.6487
YIQ	130.1820, -21.3640, -9.3000

Conversions

Conversions Part 2

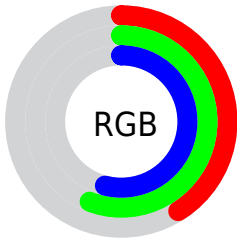
Format	Color
RYB	104, 124, 142
Decimal	6852234
CIELab	56.21, -14.01, -2.15
CIELCh	56, 14.178, 188.705
Yxy	24.1240, 0.2783, 0.3363
Android (android.graphics.Color)	4285042314 (0xFF688E8A)
YUV	130.1820, 3.8543, -22.9616
Hunter-Lab	49.1162, -13.3800, 1.0056

Details

The Hex color **688E8A** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **8E686C**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **9CC4BF**, and **375C58** is the 20% darker color. If you saturate the color by 10%, you get **5A8E89**, and if you desaturate by 10%, it is **768E8B**.

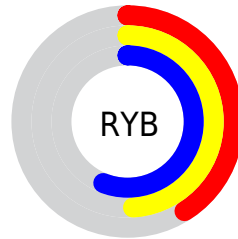
Distribution



Red (41%)

Green (56%)

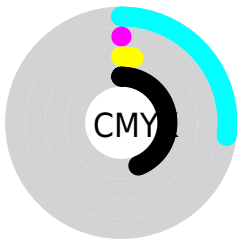
Blue (54%)



Red (41%)

Yellow (49%)

Blue (56%)

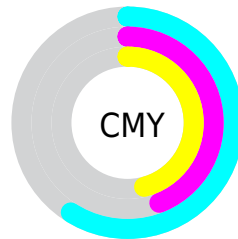


Cyan (27%)

Magenta (0%)

Yellow (3%)

Black (44%)



Cyan (59%)

Magenta (44%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 688E8A 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 688E8A by changing the saturation by 10% instead.



688E8A



688E8A

FFFFFF



4F7471



9CC4BF



375C58



B7E0DB



204441



D3FCF8



072E2B



F0FFFF



001A16



000000



688E8A



688E8A



5A8E89



768E8B



4C8E87



848E8D

3D8E86

938E8E

2F8E84

A18E90

218E83

AF8E91

138E81

BD8E93

058E80

CB8E94

008E7F

DA8E96

E88E97

Harmonies

Analogous

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



718D7D



688E8A



678D96

Triad

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



688E8A



8E829A



988370

Complementary

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



688E8A



8E686C

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.



A08078



688E8A



9A7F90

Square

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



688E8A



7E879F



A07E84



8D876E

Rectangle

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



688E8A



6B8B9B



A07E84



9B8272

Sweetspot

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



688E8A



A9B8B6



6C8E68



535C5B



DBDBDB



5C5C5C

Same Dimension

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



688E8A



7DB8B1



687F8E



404747



008779



000807

Inverse Universe

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



8E686C



B87D83



8E7768



474041



87000E



080001

Previews

White Background



This preview shows how the Hex color 688E8A looks on a white background.

Color Contrast Check

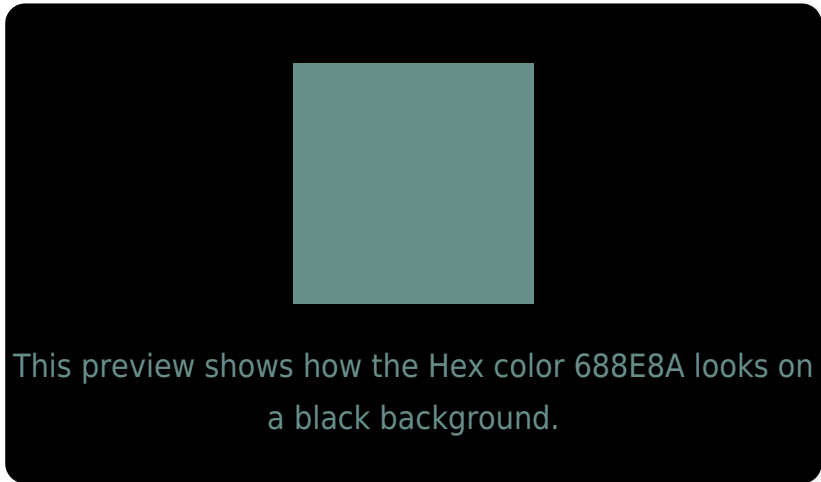
Large Text (above 18pt) WCAG AA ✓ Pass

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

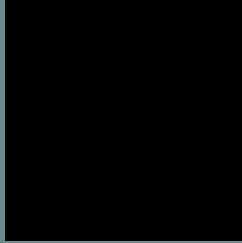
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

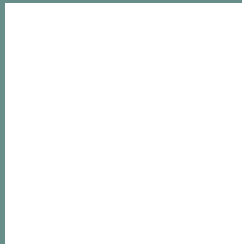
Any Text WCAG AAA × Fail

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

Hex 688E8A Background



This preview shows how black text looks on a background with the Hex color 688E8A.

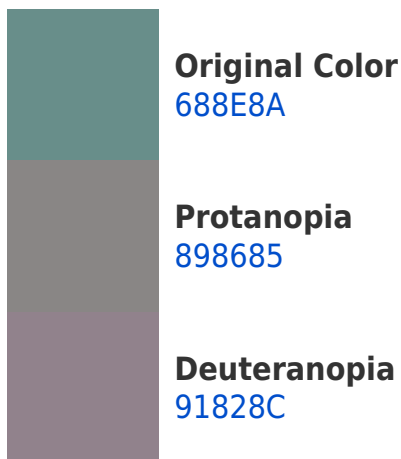


This preview shows how white text looks on a background with the Hex color 688E8A.

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](#).

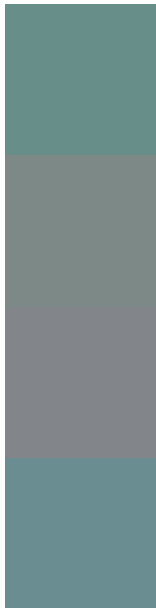
Dichromacy





Tritanopia
6B8C97

Trichromacy



Original Color
688E8A

Protanomaly
7D8987

Deuteranomaly
82868B

Tritanomaly
6A8D92

Monochromacy



Original Color
688E8A

Achromatopsia
828282

Achromatomaly
798685

CSS Examples

Text

The CSS property to change the color of the text to Hex 688E8A 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 #688E8A looks like.

```
.text, #text, p{  
    color:#688E8A  
}
```

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 #688E8A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #688E8A
}
```

Border

The CSS property to change the border of an element to Hex 688E8A 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
#688E8A }
```

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

```
.border{ border-color:#688E8A }
```

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

Here you see how a box with a 4 pixel #688E8A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #688E8A; -webkit-box-shadow:4px 4px  
4px 4px #688E8A; box-shadow:4px 4px 4px  
4px #688E8A }
```

Background

The CSS property to change the background color of an element to Hex 688E8A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#688E8A }
```

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

```
.background{ background-color:#688E8A }
```

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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