

Converting Colors

Hex(688C94)

Have a look what the booklet for
Hex(688C94) contains.

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Color

Hex(688C94)

Conversions

Conversions Part 1

Format	Color
Hex	688C94
RGB	104, 140, 148
RGB Percent	41%, 55%, 58%
CMY	0.5922, 0.4510, 0.4196
CMYK	0.30, 0.05, 0.00, 0.42
HSL	191°, 17%, 49%
HSV	191°, 30%, 58%
XYZ	20.4323, 23.8373, 31.5411
YIQ	130.1480, -24.0240, -5.1440

Conversions

Conversions Part 2

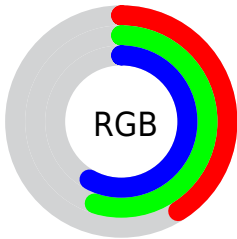
Format	Color
RYB	104, 124, 148
Decimal	6851732
CIELab	55.92, -10.50, -8.33
CIElCh	56, 13.398, 218.419
Yxy	23.8373, 0.2695, 0.3144
Android (android.graphics.Color)	4285041812 (0xFF688C94)
YUV	130.1480, 8.8010, -22.9318
Hunter-Lab	48.8235, -10.7401, -4.1263

Details

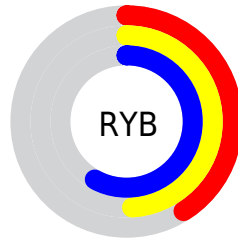
The Hex color **688C94** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **947068**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **9CC2CA**, and **375A61** is the 20% darker color. If you saturate the color by 10%, you get **598994**, and if you desaturate by 10%, it is **778F94**.

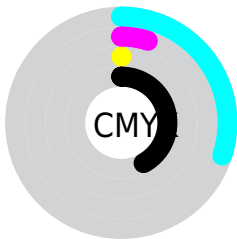
Distribution



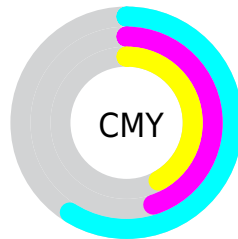
- Red (41%)
- Green (55%)
- Blue (58%)



- Red (41%)
- Yellow (49%)
- Blue (58%)



- Cyan (30%)
- Magenta (5%)
- Yellow (0%)
- Black (42%)



- Cyan (59%)
- Magenta (45%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 688C94 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 688C94 by changing the saturation by 10% instead.



688C94



688C94

FFFFFF



4F727A



9CC2CA



375A61



B8DDE6



1F424A



D4FAFF



042C33



F0FFFF



00181E



000003



000000



688C94



688C94



598994



778F94

■ 4A8794

■ 869194

■ 3C8494

■ 949494

■ 2D8194

■ A39794

■ 1E7F94

■ B29994

■ 0F7C94

■ C19C94

■ 007994

■ D09F94

■ DEA294

■ EDA494

Harmonies

Analogous

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



698D89



688C94



708A9B

Triad

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



688C94



987F8F



8C866F

Complementary

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



688C94



947068

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.



978271



688C94



9E7E83

Square

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



688C94



8C8298



9E7F78



7F8A74

Rectangle

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



688C94



78879D



9E7F78



90856F

Sweetspot

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



688C94



AEBCBF



68946F



565F61



E0E0E0



616161

Same Dimension

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



688C94



7AB3BF



687794



43494A



00718A



00080A

Inverse Universe

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



94688C



BF7AB3



948568



4A4349



8A0071



0A0008

Previews

White Background



This preview shows how the Hex color 688C94 looks on a white background.

Color Contrast Check

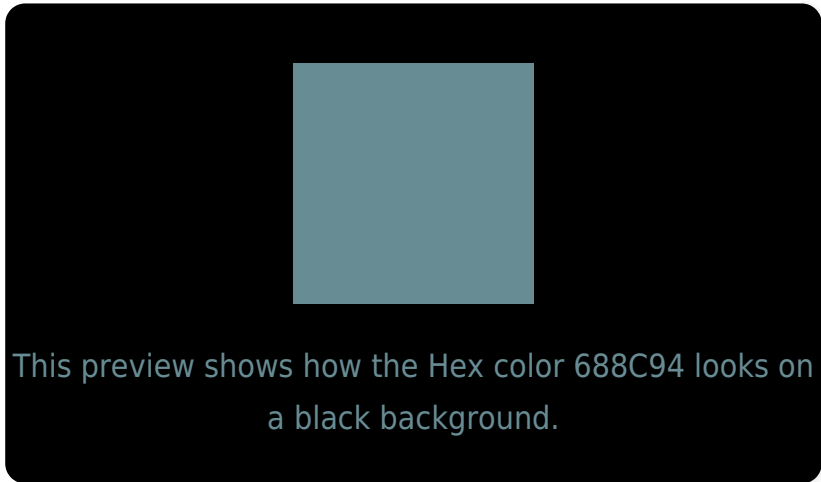
Large Text (above 18pt) WCAG AA ✓ Pass

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

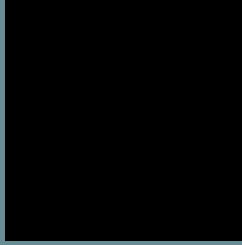
Any Text WCAG AA ✓ Pass

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 688C94 Background



This preview shows how black text looks on a background with the Hex color 688C94.

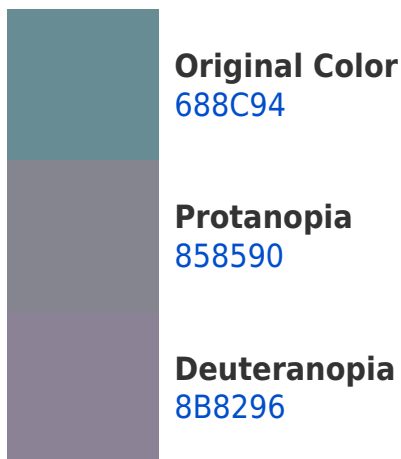


This preview shows how white text looks on a background with the Hex color 688C94.

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](#).

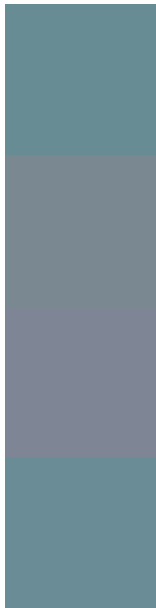
Dichromacy





Tritanopia
698C97

Trichromacy



Original Color
688C94

Protanomaly
7A8891

Deuteranomaly
7E8695

Tritanomaly
698C96

Monochromacy



Original Color
688C94

Achromatopsia
828282

Achromatomaly
798689

CSS Examples

Text

The CSS property to change the color of the text to Hex 688C94 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 #688C94 looks like.

```
.text, #text, p{  
    color:#688C94  
}
```

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 #688C94 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #688C94
}
```

Border

The CSS property to change the border of an element to Hex 688C94 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
#688C94 }
```

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

```
.border{ border-color:#688C94 }
```

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

Here you see how a box with a 4 pixel #688C94 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #688C94; -webkit-box-shadow:4px 4px  
4px 4px #688C94; box-shadow:4px 4px 4px  
4px #688C94 }
```

Background

The CSS property to change the background color of an element to Hex 688C94 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#688C94 }
```

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

```
.background{ background-color:#688C94 }
```

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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