

Converting Colors

Hex(668A8A)

Have a look what the booklet for
Hex(668A8A) contains.

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Color

Hex(668A8A)

Conversions

Conversions Part 1

Format	Color
Hex	668A8A
RGB	102, 138, 138
RGB Percent	40%, 54%, 54%
CMY	0.6000, 0.4588, 0.4588
CMYK	0.26, 0.00, 0.00, 0.46
HSL	180°, 15%, 47%
HSV	180°, 26%, 54%
XYZ	19.1554, 22.8367, 27.4431
YIQ	127.2360, -21.4560, -7.6320

Conversions

Conversions Part 2

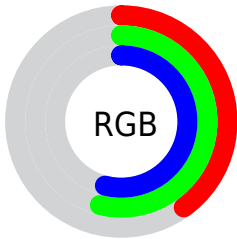
Format	Color
R_{YB}	102, 120, 138
Decimal	6720138
CIE _{Lab}	54.90, -12.47, -4.09
CIE _{LCh}	55, 13.124, 198.142
Yxy	22.8367, 0.2759, 0.3289
Android (android.graphics.Color)	4284910218 (0xFF668A8A)
YUV	127.2360, 5.3067, -22.1320
Hunter-Lab	47.7878, -12.0781, -0.5970

Details

The Hex color **668A8A** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **8A6666**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **9ABFBF**, and **355858** is the 20% darker color. If you saturate the color by 10%, you get **588A8A**, and if you desaturate by 10%, it is **748A8A**.

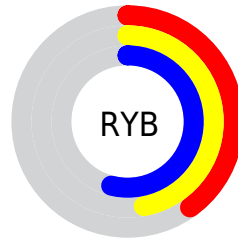
Distribution



Red (40%)

Green (54%)

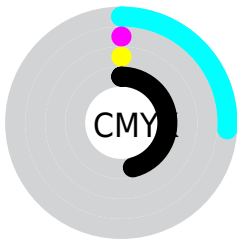
Blue (54%)



Red (40%)

Yellow (47%)

Blue (54%)

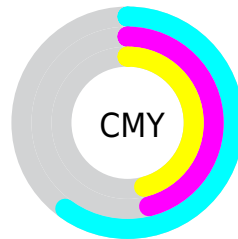


Cyan (26%)

Magenta (0%)

Yellow (0%)

Black (46%)



Cyan (60%)

Magenta (46%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 668A8A 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 668A8A by changing the saturation by 10% instead.



668A8A



668A8A

FFFFFF



4D7171



9ABFBF



355858



B5DBDB



1E4141



D1F8F8



052A2B



EEEFFF



001716



000000



668A8A



668A8A



588A8A



748A8A



4A8A8A



828A8A

3D8A8A

8F8A8A

2F8A8A

9D8A8A

218A8A

AB8A8A

138A8A

B98A8A

058A8A

C78A8A

008A8A

D48A8A

E28A8A

Harmonies

Analogous

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



6C8A7E



668A8A



688994

Triad

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



668A8A



8E7E93



91816D

Complementary

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



668A8A



8A6666

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.



997E73



668A8A



987C88

Square

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



668A8A



808299



9B7C7D



85856E

Rectangle

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



668A8A



6D8798



9B7C7D



94806F

Sweetspot

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



668A8A



A4B3B3



668A66



505959



D9D9D9



595959

Same Dimension

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



668A8A



7BB3B3



66788A



3E4545



008585



000505

Inverse Universe

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



8A668A



B37BB3



8A7866



453E45



850085



050005

Previews

White Background



This preview shows how the Hex color 668A8A looks on a white background.

Color Contrast Check

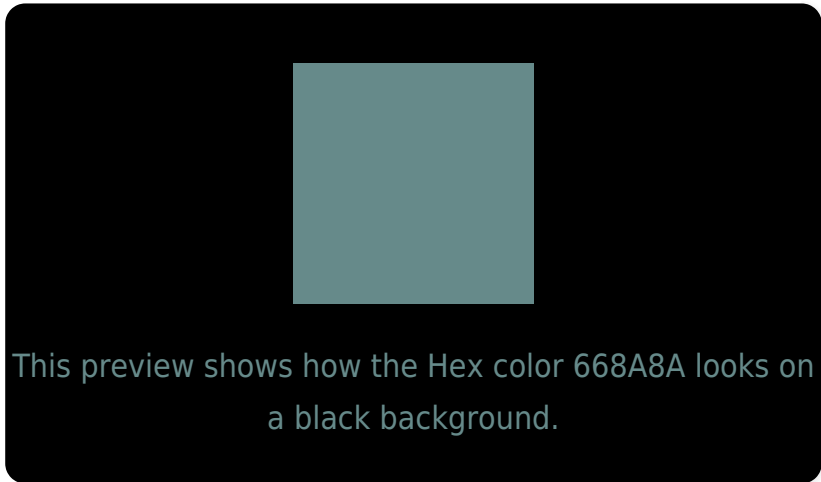
Large Text (above 18pt) WCAG AA ✓ Pass

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

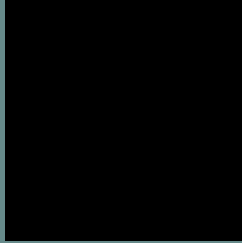
Any Text WCAG AA ✓ Pass

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 668A8A Background



This preview shows how black text looks on a background with the Hex color 668A8A.

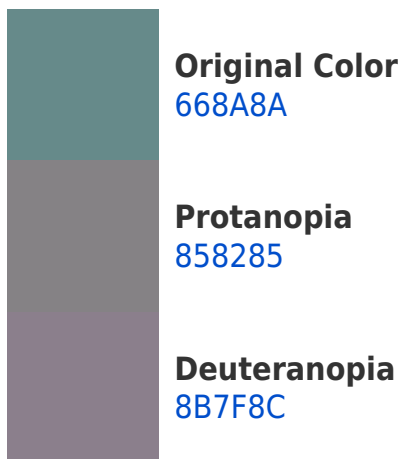


This preview shows how white text looks on a background with the Hex color 668A8A.

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](#).

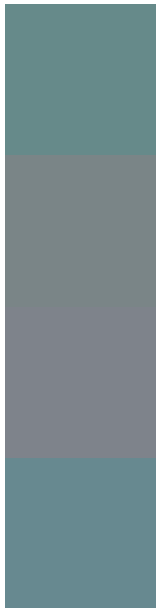
Dichromacy





Tritanopia
688993

Trichromacy



Original Color
668A8A

Protanomaly
7A8587

Deuteranomaly
7E838B

Tritanomaly
678990

Monochromacy



Original Color
668A8A

Achromatopsia
7F7F7F

Achromatomaly
768383

CSS Examples

Text

The CSS property to change the color of the text to Hex 668A8A 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 #668A8A looks like.

```
.text, #text, p{  
    color:#668A8A  
}
```

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 #668A8A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #668A8A
}
```

Border

The CSS property to change the border of an element to Hex 668A8A 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
#668A8A }
```

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

```
.border{ border-color:#668A8A }
```

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

Here you see how a box with a 4 pixel #668A8A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #668A8A; -webkit-box-shadow:4px 4px  
4px 4px #668A8A; box-shadow:4px 4px 4px  
4px #668A8A }
```

Background

The CSS property to change the background color of an element to Hex 668A8A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#668A8A }
```

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

```
.background{ background-color:#668A8A }
```

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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