

Converting Colors

Hex(688AA6)

Have a look what the booklet for
Hex(688AA6) contains.

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Color

Hex(688AA6)

Conversions

Conversions Part 1

Format	Color
Hex	688AA6
RGB	104, 138, 166
RGB Percent	41%, 54%, 65%
CMY	0.5922, 0.4588, 0.3490
CMYK	0.37, 0.17, 0.00, 0.35
HSL	207°, 26%, 53%
HSV	207°, 37%, 65%
XYZ	21.6803, 23.8732, 39.5417
YIQ	131.0260, -29.2520, 1.5000

Conversions

Conversions Part 2

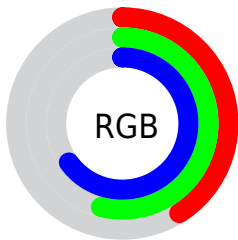
Format	Color
RYB	104, 126, 166
Decimal	6851238
CIELab	55.96, -4.67, -18.62
CIELCh	56, 19.198, 255.909
Yxy	23.8732, 0.2548, 0.2805
Android (android.graphics.Color)	4285041318 (0xFF688AA6)
YUV	131.0260, 17.2422, -23.7018
Hunter-Lab	48.8602, -6.3010, -13.7802

Details

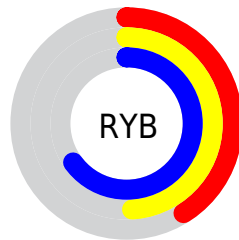
The Hex color **688AA6** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **A68468**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **9DBFDD**, and **355872** is the 20% darker color. If you saturate the color by 10%, you get **5783A6**, and if you desaturate by 10%, it is **7991A6**.

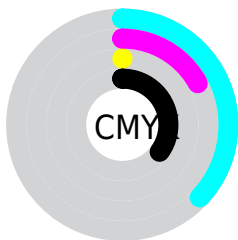
Distribution



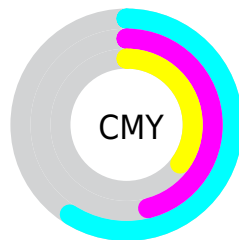
- Red (41%)
- Green (54%)
- Blue (65%)



- Red (41%)
- Yellow (49%)
- Blue (65%)



- Cyan (37%)
- Magenta (17%)
- Yellow (0%)
- Black (35%)



- Cyan (59%)
- Magenta (46%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 688AA6 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 688AA6 by changing the saturation by 10% instead.

688AA6

688AA6

FFFFFF

4E718C

9DBFDD

355872

B9DBFA

1B4159

D5F8FF

002B42

F2FFFF

00172C

000117

000000

688AA6

688AA6

5783A6

7991A6

■ 477BA6

■ 8999A6

■ 3674A6

■ 9AA0A6

■ 266CA6

■ AAA8A6

■ 1565A6

■ BBFAA6

■ 045DA6

■ CCB7A6

■ 005BA6

■ DCBEA6

■ EDC6A6

■ FDCDA6

Harmonies

Analogous

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



598E9D



688AA6



7E85A6

Triad

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



688AA6



A87A7E



768C6F

Complementary

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



688AA6



A68468

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.



898866



688AA6



A57D6F

Square

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



688AA6



A37B8F



9A8266



648F7D

Rectangle

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



688AA6



8D81A1



9A8266



7D8B6B

Sweetspot

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



688AA6



C1CED9



68A684



5F676E



EDEDED



6E6E6E

Same Dimension

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



688AA6



77ADD9



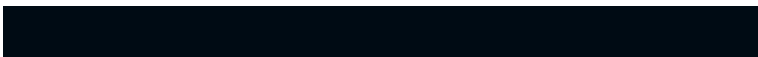
686BA6



4C5054



005194



000B14

Inverse Universe

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



A6688A



D977AD



A6A368



544C50



940051



14000B

Previews

White Background



This preview shows how the Hex color 688AA6 looks on a white background.

Color Contrast Check

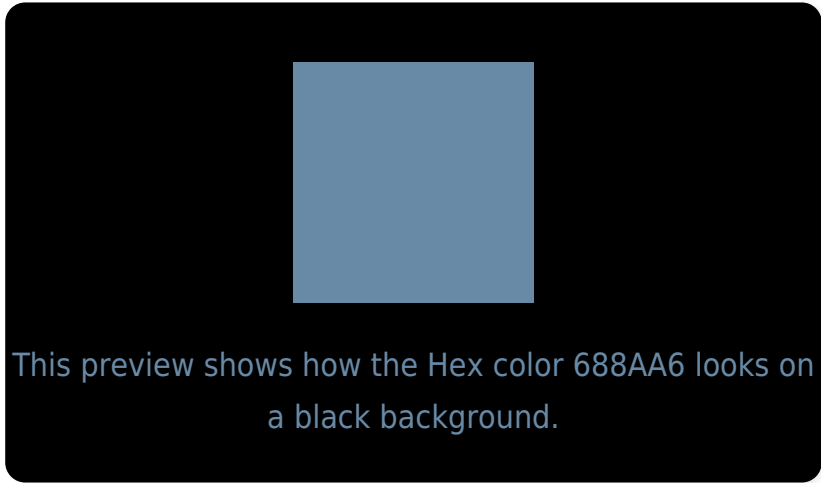
Large Text (above 18pt) WCAG AA ✓ Pass

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

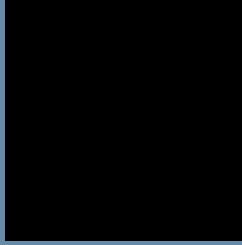
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

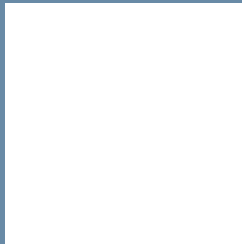
Any Text WCAG AAA × Fail

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

Hex 688AA6 Background



This preview shows how black text looks on a background with the Hex color 688AA6.

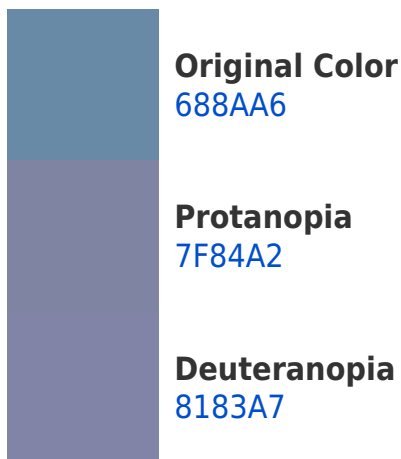


This preview shows how white text looks on a background with the Hex color 688AA6.

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](#).

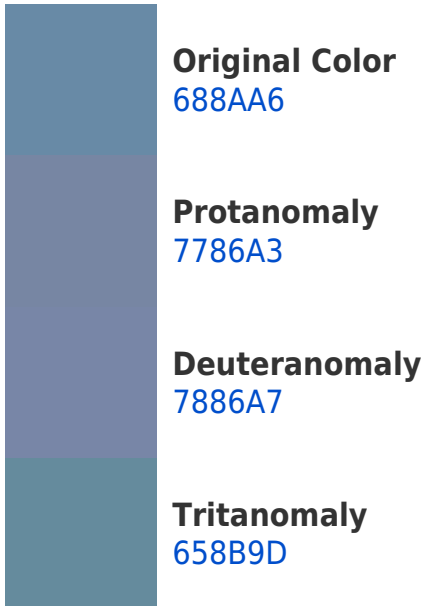
Dichromacy





Tritanopia
648C98

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 688AA6 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 #688AA6 looks like.

```
.text, #text, p{  
    color:#688AA6  
}
```

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 #688AA6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #688AA6  
}
```

Border

The CSS property to change the border of an element to Hex 688AA6 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  
#688AA6 }
```

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

```
.border{ border-color:#688AA6 }
```

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

Here you see how a box with a 4 pixel #688AA6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #688AA6; -webkit-box-shadow:4px 4px  
4px 4px #688AA6; box-shadow:4px 4px 4px  
4px #688AA6 }
```

Background

The CSS property to change the background color of an element to Hex 688AA6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#688AA6 }
```

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

```
.background{ background-color:#688AA6 }
```

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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