

Converting Colors

Hex(688AB5)

Have a look what the booklet for
Hex(688AB5) contains.

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Color

Hex(688AB5)

Conversions

Conversions Part 1

Format	Color
Hex	688AB5
RGB	104, 138, 181
RGB Percent	41%, 54%, 71%
CMY	0.5922, 0.4588, 0.2902
CMYK	0.43, 0.24, 0.00, 0.29
HSL	214°, 34%, 56%
HSV	214°, 43%, 71%
XYZ	23.1379, 24.4562, 47.2171
YIQ	132.7360, -34.0670, 6.1650

Conversions

Conversions Part 2

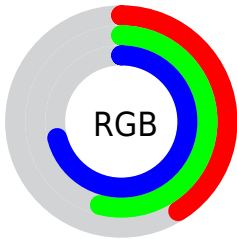
Format	Color
RYB	104, 128, 181
Decimal	6851253
CIELab	56.54, -0.48, -26.31
CIELCh	57, 26.315, 268.954
Yxy	24.4562, 0.2440, 0.2579
Android (android.graphics.Color)	4285041333 (0xFF688AB5)
YUV	132.7360, 23.7942, -25.2015
Hunter-Lab	49.4532, -3.0276, -21.9918

Details

The Hex color **688AB5** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **B59368**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **9EBFED**, and **335880** is the 20% darker color. If you saturate the color by 10%, you get **5680B5**, and if you desaturate by 10%, it is **7A94B5**.

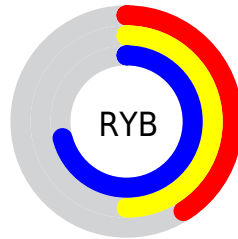
Distribution



Red (41%)

Green (54%)

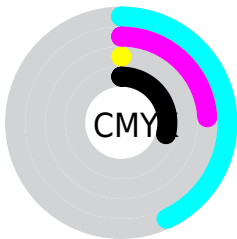
Blue (71%)



Red (41%)

Yellow (50%)

Blue (71%)

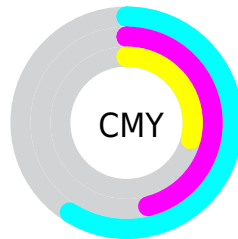


Cyan (43%)

Magenta (24%)

Yellow (0%)

Black (29%)



Cyan (59%)

Magenta (46%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 688AB5 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 688AB5 by changing the saturation by 10% instead.



688AB5



688AB5

FFFFFF



4E719A



9EBFED



335880



BADBFF



154167



D6F8FF



002B4F



F3FFFF



001737



000222



000008



000000



688AB5



688AB5

■ 5680B5

■ 7A94B5

■ 4476B5

■ 8C9EB5

■ 326CB5

■ 9EA8B5

■ 2062B5

■ B0B2B5

■ 0D57B5

■ C3BDB5

■ 0050B5

■ D5C7B5

■ E7D1B5

■ F9DBB5

■ FFE5B5

Harmonies

Analogous

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



4890AE



688AB5



8A82B0

Triad

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



688AB5



B57873



66926F

Complementary

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



688AB5



B59368

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.



808D5F



688AB5



AB7E61

Square

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



688AB5



B37789



98865A



4C9486

Rectangle

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



688AB5



9C7DA6



98865A



6F9069

Sweetspot

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



688AB5



CCDAEB



68B592



636B75



F5F5F5



757575

Same Dimension

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



688AB5



73A8EB



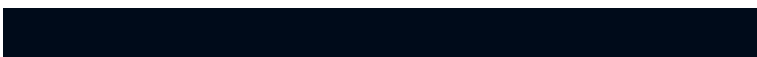
6C68B5



505459



004499



000B1A

Inverse Universe

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



B5688A



EB73A8



B1B568



595054



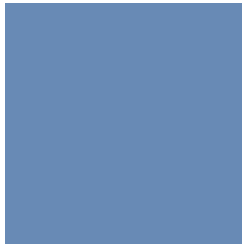
990044



1A000B

Previews

White Background



This preview shows how the Hex color 688AB5 looks on a white background.

Color Contrast Check

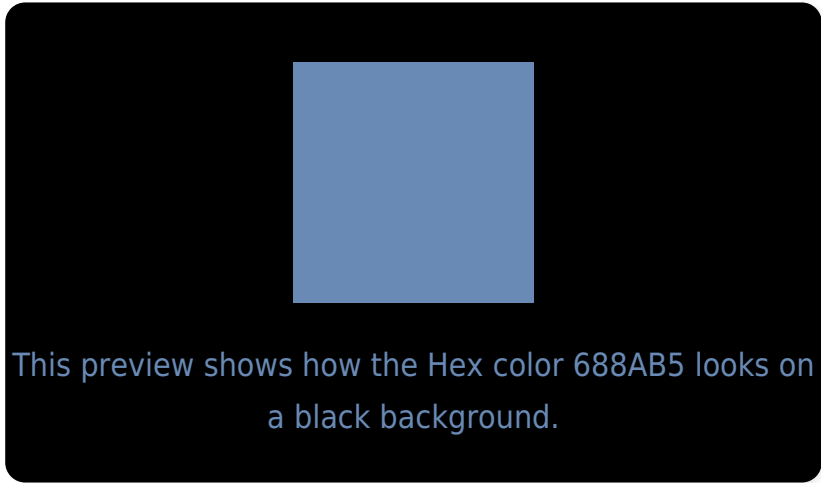
Large Text (above 18pt) WCAG AA ✓ Pass

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

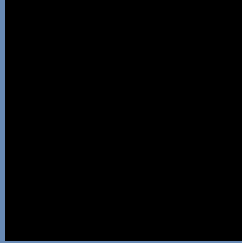
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

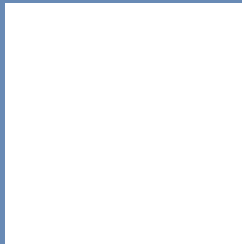
Any Text WCAG AAA × Fail

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

Hex 688AB5 Background



This preview shows how black text looks on a background with the Hex color 688AB5.

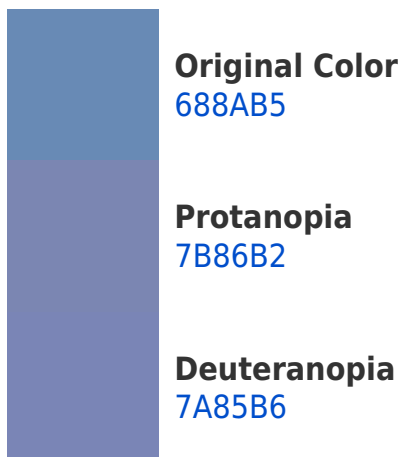


This preview shows how white text looks on a background with the Hex color 688AB5.

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](#).

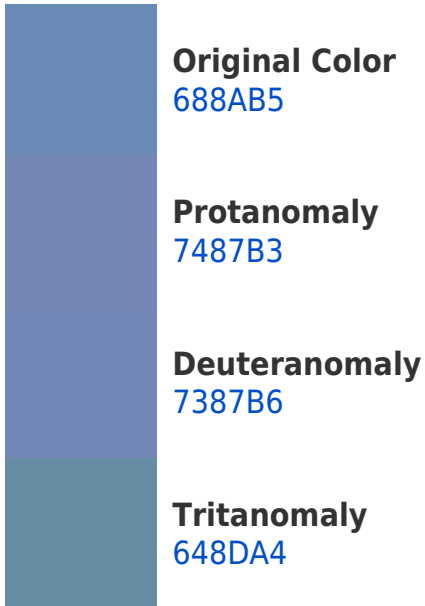
Dichromacy



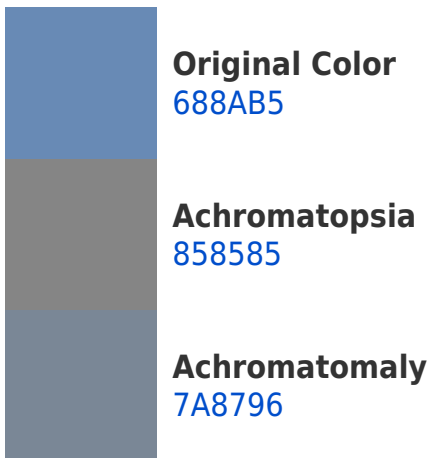


Tritanopia
618F9A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 688AB5 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 #688AB5 looks like.

```
.text, #text, p{  
    color:#688AB5  
}
```

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 #688AB5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #688AB5
}
```

Border

The CSS property to change the border of an element to Hex 688AB5 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
#688AB5 }
```

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

```
.border{ border-color:#688AB5 }
```

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

Here you see how a box with a 4 pixel #688AB5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #688AB5; -webkit-box-shadow:4px 4px  
4px 4px #688AB5; box-shadow:4px 4px 4px  
4px #688AB5 }
```

Background

The CSS property to change the background color of an element to Hex 688AB5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#688AB5 }
```

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

```
.background{ background-color:#688AB5 }
```

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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