

Converting Colors

Hex(648AAA)

Have a look what the booklet for
Hex(648AAA) contains.

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Color

Hex(648AAA)

Conversions

Conversions Part 1

Format	Color
Hex	648AAA
RGB	100, 138, 170
RGB Percent	39%, 54%, 67%
CMY	0.6078, 0.4588, 0.3333
CMYK	0.41, 0.19, 0.00, 0.33
HSL	207°, 29%, 53%
HSV	207°, 41%, 67%
XYZ	21.5997, 23.7886, 41.4834
YIQ	130.2860, -32.9200, 1.8960

Conversions

Conversions Part 2

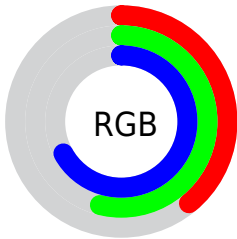
Format	Color
RYB	100, 125, 170
Decimal	6589098
CIELab	55.88, -4.69, -21.07
CIElCh	56, 21.581, 257.458
Yxy	23.7886, 0.2486, 0.2738
Android (android.graphics.Color)	4284779178 (0xFF648AAA)
YUV	130.2860, 19.5790, -26.5608
Hunter-Lab	48.7735, -6.3036, -16.2866

Details

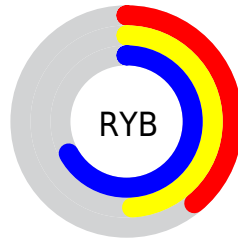
The Hex color **648AAA** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **AA8464**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **99BFE1**, and **305876** is the 20% darker color. If you saturate the color by 10%, you get **5382AA**, and if you desaturate by 10%, it is **7592AA**.

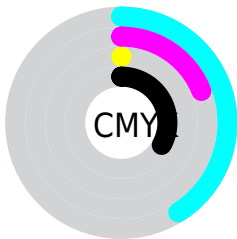
Distribution



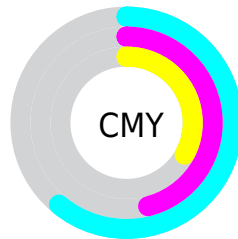
- Red (39%)
- Green (54%)
- Blue (67%)



- Red (39%)
- Yellow (49%)
- Blue (67%)



- Cyan (41%)
- Magenta (19%)
- Yellow (0%)
- Black (33%)



- Cyan (61%)
- Magenta (46%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 648AAA 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 648AAA by changing the saturation by 10% instead.

■ 648AAA

■ 648AAA

FFFFFF

■ 4A718F

■ 99BFE1

■ 305876

■ B5DBFE

■ 13415D

■ D1F8FF

■ 002B45

■ EEEFFF

■ 00172F

■ 00011A

■ 000000

■ 648AAA

■ 648AAA

■ 5382AA

■ 7592AA

■ 427AAA

■ 869AAA

■ 3173AA

■ 97A1AA

■ 206BAA

■ A8A9AA

■ 0F63AA

■ B9B1AA

■ 005CAA

■ CAB9AA

■ DBC0AA

■ ECC8AA

■ FDD0AA

Harmonies

Analogous

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



518EA1



648AAA



7E84A9

Triad

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



648AAA



AC797C



738D6C

Complementary

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



648AAA



AA8464

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.



888862



648AAA



A87C6B

Square

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



648AAA



A6798F



9B8262



5E907D

Rectangle

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



648AAA



8F7FA4



9B8262



7A8C68

Sweetspot

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



648AAA



C3D2DE



64AA84



606970



F0F0F0



707070

Same Dimension

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



648AAA



71ACDE



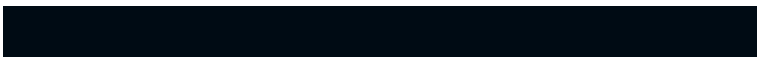
6467AA



4C5054



005094



000B14

Inverse Universe

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



AA648A



DE71AC



AAA664



544C50



940050



14000B

Previews

White Background



This preview shows how the Hex color 648AAA looks on a white background.

Color Contrast Check

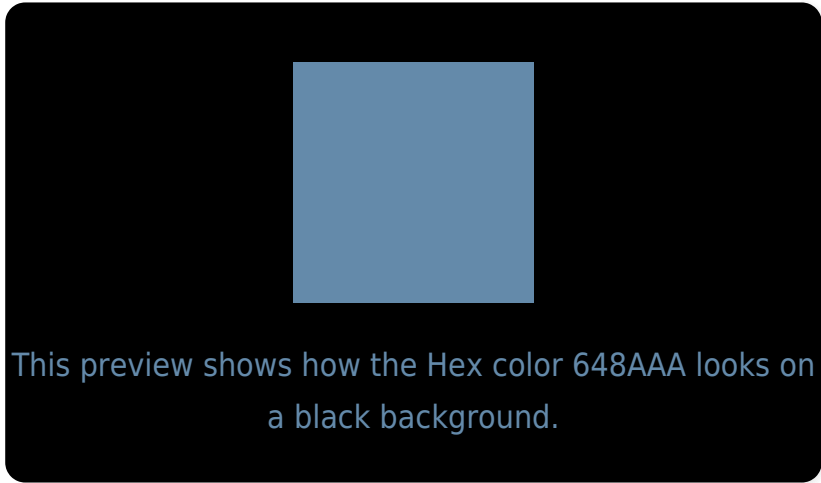
Large Text (above 18pt) WCAG AA ✓ Pass

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

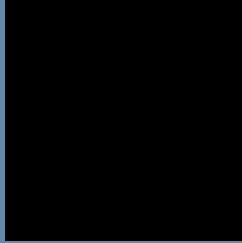
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

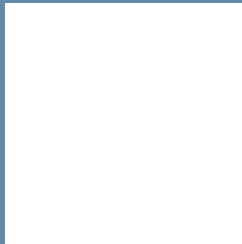
Any Text WCAG AAA × Fail

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

Hex 648AAA Background



This preview shows how black text looks on a background with the Hex color 648AAA.

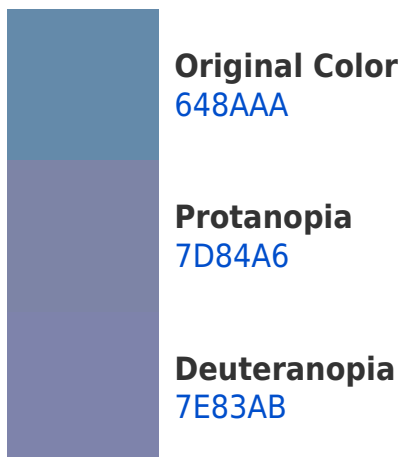


This preview shows how white text looks on a background with the Hex color 648AAA.

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](#).

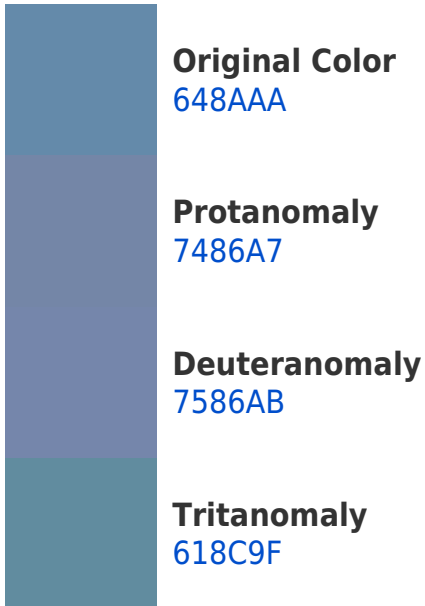
Dichromacy



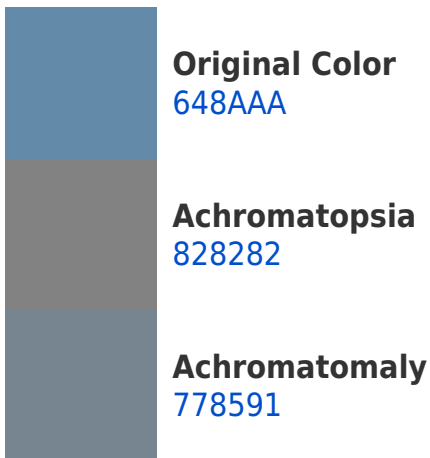


Tritanopia
5F8D98

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 648AAA 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 #648AAA looks like.

```
.text, #text, p{  
    color:#648AAA  
}
```

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 #648AAA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #648AAA
}
```

Border

The CSS property to change the border of an element to Hex 648AAA 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
#648AAA }
```

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

```
.border{ border-color:#648AAA }
```

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

Here you see how a box with a 4 pixel #648AAA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #648AAA; -webkit-box-shadow:4px 4px  
4px 4px #648AAA; box-shadow:4px 4px 4px  
4px #648AAA }
```

Background

The CSS property to change the background color of an element to Hex 648AAA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#648AAA }
```

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

```
.background{ background-color:#648AAA }
```

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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