

Converting Colors

Hex(68AACD)

Have a look what the booklet for
Hex(68AACD) contains.

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Color

Hex(68AACD)

Conversions

Conversions Part 1

Format	Color
Hex	68AACD
RGB	104, 170, 205
RGB Percent	41%, 67%, 80%
CMY	0.5922, 0.3333, 0.1961
CMYK	0.49, 0.17, 0.00, 0.20
HSL	201°, 50%, 61%
HSV	201°, 49%, 80%
XYZ	31.1031, 36.1003, 63.0864
YIQ	154.2560, -50.5710, -3.1070

Conversions

Conversions Part 2

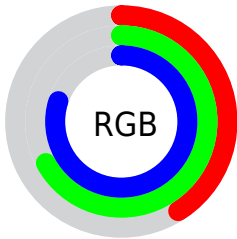
Format	Color
RYB	104, 144, 205
Decimal	6859469
CIELab	66.60, -11.46, -24.33
CIELCh	67, 26.892, 244.766
Yxy	36.1003, 0.2387, 0.2771
Android (android.graphics.Color)	4285049549 (0xFF68AACD)
YUV	154.2560, 25.0168, -44.0745
Hunter-Lab	60.0835, -12.7431, -20.1947

Details

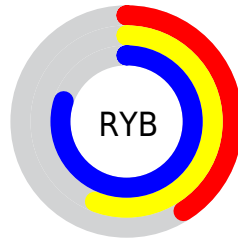
The Hex color **68AACD** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **CD8B68**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **A0E1FF**, and **2D7697** is the 20% darker color. If you saturate the color by 10%, you get **53A3CD**, and if you desaturate by 10%, it is **7CB1CD**.

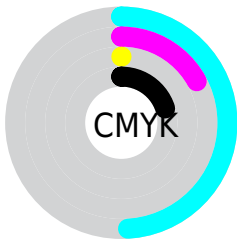
Distribution



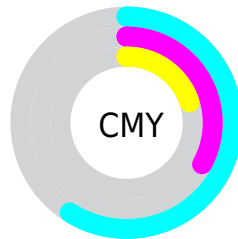
- Red (41%)
- Green (67%)
- Blue (80%)



- Red (41%)
- Yellow (56%)
- Blue (80%)



- Cyan (49%)
- Magenta (17%)
- Yellow (0%)
- Black (20%)



- Cyan (59%)
- Magenta (33%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 68AACD 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 68AACD by changing the saturation by 10% instead.

 68AACD

 68AACD

FFFFFF

 4C90B1

 A0E1FF

 2D7697

 BDFEFF

 005D7D

 DAFFFF

 004664

 F8FFFF

 002F4C

 001B35

 00021F

 000003

 000000

68AACD

68AACD

53A3CD

7CB1CD

3F9CCD

91B8CD

2A95CD

A6BFCD

168ECD

BAC6CD

0186CD

CFCECD

0086CD

E3D5CD

F8DCCD

FFE3CD

FFEACD

Harmonies

Analogous

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



57AEBD



68AACD



89A3D2

Triad

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



68AACD



D1909F



95A97A

Complementary

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



68AACD



CD8B68

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.



AFA272



68AACD



D19388

Square

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



68AACD



C493B7



C59A77



79AE8D

Rectangle

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



68AACD



A09DCE



C59A77



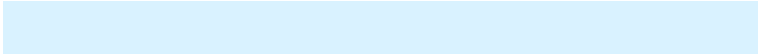
9EA776

Sweetspot

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



68AACD



D9F2FF



68CD8A



697880



000000



808080

Same Dimension

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



68AACD



69CBFF



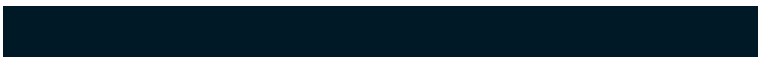
6879CD



5C6266



006CA6



001926

Inverse Universe

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



CD68AA



FF69CB



CDBC68



665C62



A6006C



260019

Previews

White Background



This preview shows how the Hex color 68AACD looks on a white background.

Color Contrast Check

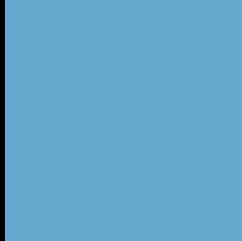
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 68AACD looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

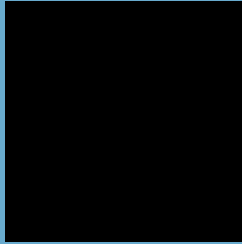
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Hex 68AACD Background



This preview shows how black text looks on a background with the Hex color 68AACD.

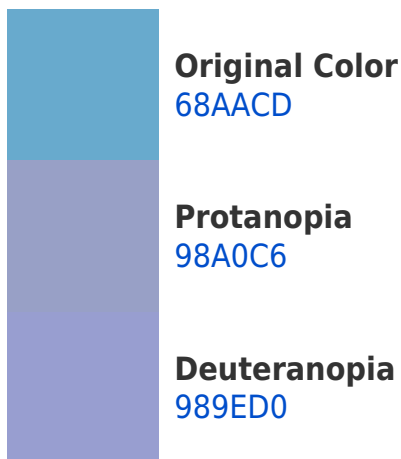


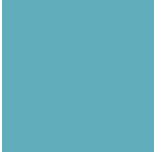
This preview shows how white text looks on a background with the Hex color 68AACD.

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](#).

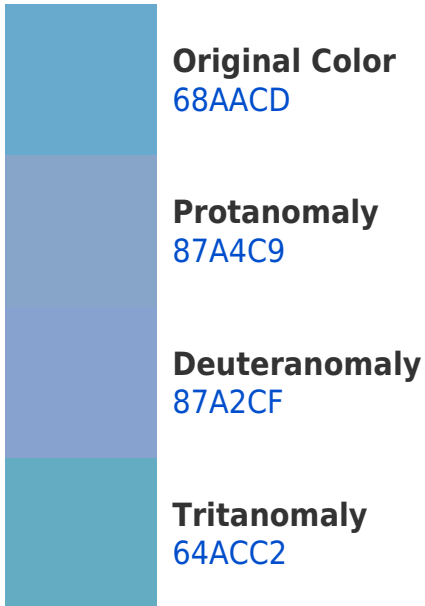
Dichromacy



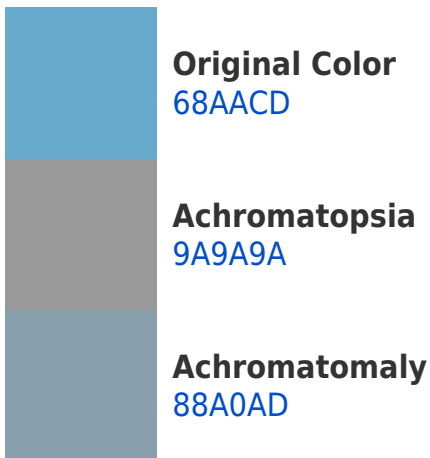


Tritanopia
62ADBB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 68AACD 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 #68AACD looks like.

```
.text, #text, p{  
    color:#68AACD  
}
```

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 #68AACD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #68AACD
}
```

Border

The CSS property to change the border of an element to Hex 68AACD 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
#68AACD }
```

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

```
.border{ border-color:#68AACD }
```

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

Here you see how a box with a 4 pixel #68AACD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #68AACD; -webkit-box-shadow:4px 4px  
4px 4px #68AACD; box-shadow:4px 4px 4px  
4px #68AACD }
```

Background

The CSS property to change the background color of an element to Hex 68AACD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#68AACD }
```

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

```
.background{ background-color:#68AACD }
```

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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