

# Converting Colors

Hex(66A2CC)

Have a look what the booklet for  
Hex(66A2CC) contains.

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# **Color**

**Hex(66A2CC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	66A2CC
RGB	102, 162, 204
RGB Percent	40%, 64%, 80%
CMY	0.6000, 0.3647, 0.2000
CMYK	0.50, 0.21, 0.00, 0.20
HSL	205°, 50%, 60%
HSV	205°, 50%, 80%
XYZ	29.2989, 33.0251, 61.9570
YIQ	148.8480, -49.2420, 0.3420

# Conversions

## Conversions Part 2

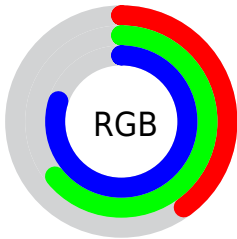
Format	Color
R <sub>Y</sub> B	102, 140, 204
Decimal	6726348
CIE Lab	64.18, -7.85, -27.49
CIE LCh	64, 28.587, 254.064
Yxy	33.0251, 0.2357, 0.2657
Android (android.graphics.Color)	4284916428 (0xFF66A2CC)
YUV	148.8480, 27.1899, -41.0857
Hunter-Lab	57.4674, -9.5625, -23.6947

# Details

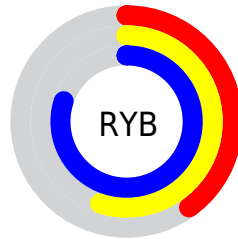
The Hex color **66A2CC** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **CC9066**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **9ED9FF**, and **2B6E96** is the 20% darker color. If you saturate the color by 10%, you get **529ACC**, and if you desaturate by 10%, it is **7AAACC**.

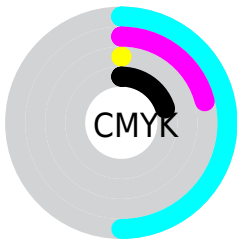
# Distribution



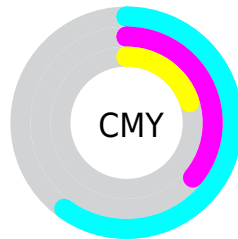
- Red (40%)
- Green (64%)
- Blue (80%)



- Red (40%)
- Yellow (55%)
- Blue (80%)



- Cyan (50%)
- Magenta (21%)
- Yellow (0%)
- Black (20%)



- Cyan (60%)
- Magenta (36%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 66A2CC 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 66A2CC by changing the saturation by 10% instead.



■ 66A2CC

■ 66A2CC

FFFFFF

■ 4A88B0

■ 9ED9FF

■ 2B6E96

■ BBF5FF

■ 00567C

■ D8FFFF

■ 003F63

■ F5FFFF

■ 00294B

■ 001534

■ 00021E

■ 000001

■ 000000

■ 66A2CC

■ 66A2CC

■ 529ACC

■ 7AAACC

■ 3D91CC

■ 8FB3CC

■ 2989CC

■ A3BBCC

■ 1480CC

■ B8C4CC

■ 0078CC

■ CCCCCC

■ E0D4CC

■ F5DDCC

■ FFE5CC

■ FFEECC

# Harmonies

## Analogous

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



4BA7BE



66A2CC



8C9ACD

# Triad

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



66A2CC



CF8990



85A576

# Complementary

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



66A2CC



CC9066

# 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.



A19E6A



66A2CC



CA8D79

# Square

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



66A2CC



C58AAA



BA956B



67A98D

# Rectangle

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



66A2CC



A494C6



BA956B



8EA371

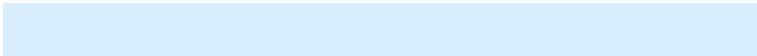


# Sweetspot

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



66A2CC



D9EFFF



66CC8F



697680



000000



808080



# Same Dimension

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



66A2CC



66C0FF



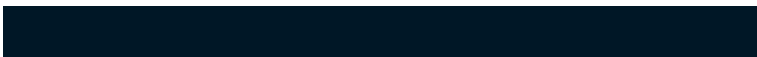
6670CC



5C6266



0062A6



001726



# Inverse Universe

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



CC66A2



FF66C0



CCC266



665C62



A60061



260016



# Previews

## White Background



This preview shows how the Hex color 66A2CC looks on a white background.

## Color Contrast Check

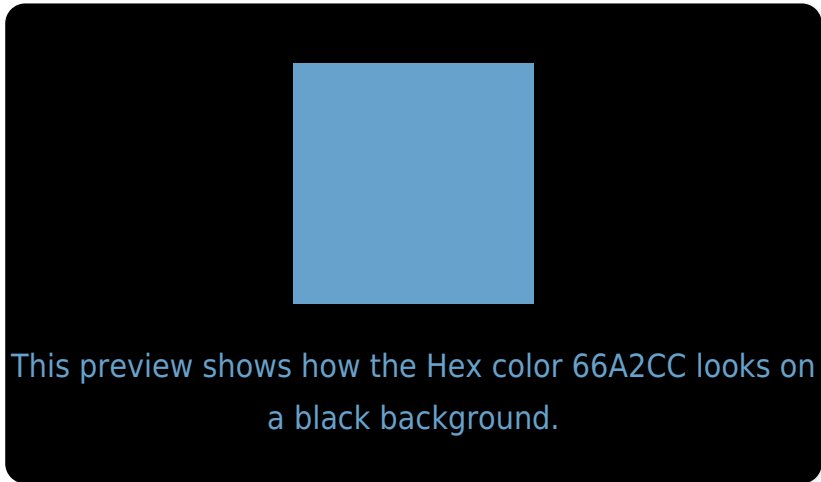
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

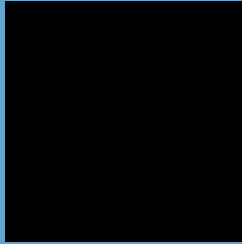
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 66A2CC Background



This preview shows how black text looks on a background with the Hex color 66A2CC.

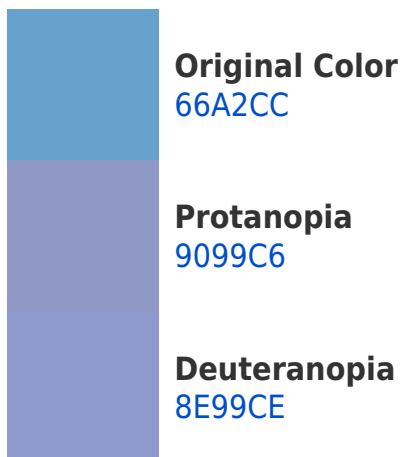


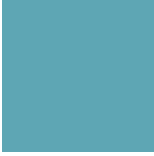
This preview shows how white text looks on a background with the Hex color 66A2CC.

# 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](#).

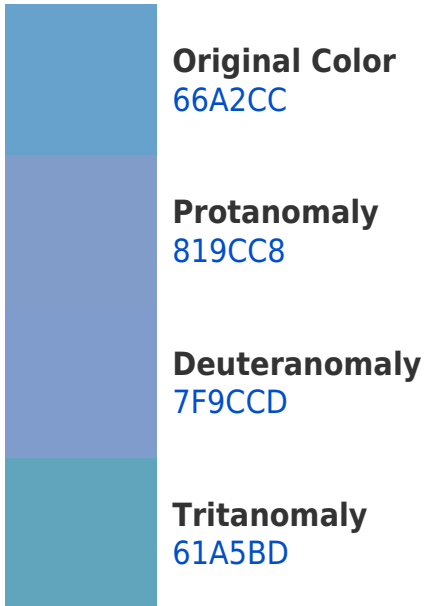
## Dichromacy



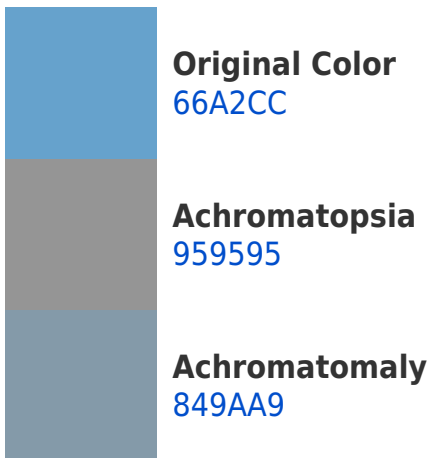


**Tritanopia**  
5EA6B4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 66A2CC 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 #66A2CC looks like.

```
.text, #text, p{  
    color:#66A2CC  
}
```

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 #66A2CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66A2CC
}
```

## Border

The CSS property to change the border of an element to Hex 66A2CC is called "border". The border property can be set on classes, ids or directly on the HTML element.

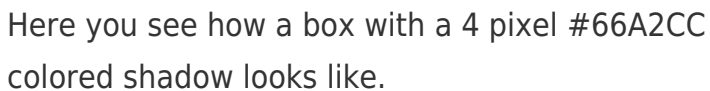
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#66A2CC }
```

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

```
.border{ border-color:#66A2CC }
```

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



Here you see how a box with a 4 pixel #66A2CC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66A2CC; -webkit-box-shadow:4px 4px  
4px 4px #66A2CC; box-shadow:4px 4px 4px  
4px #66A2CC }
```

# Background

The CSS property to change the background color of an element to Hex 66A2CC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66A2CC }
```

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

```
.background{ background-color:#66A2CC }
```

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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