

# Converting Colors

Hex(6AA5CC)

Have a look what the booklet for  
Hex(6AA5CC) contains.

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**Color**

**Hex(6AA5CC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6AA5CC
RGB	106, 165, 204
RGB Percent	42%, 65%, 80%
CMY	0.5843, 0.3529, 0.2000
CMYK	0.48, 0.19, 0.00, 0.20
HSL	204°, 49%, 61%
HSV	204°, 48%, 80%
XYZ	30.2981, 34.3341, 62.1570
YIQ	151.8050, -47.6830, -0.3790

# Conversions

## Conversions Part 2

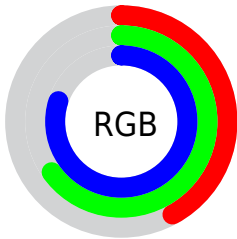
Format	Color
R <sub>YB</sub>	106, 143, 204
Decimal	6989260
CIE Lab	65.23, -8.56, -25.86
CIE LCh	65, 27.244, 251.688
Yxy	34.3341, 0.2390, 0.2708
Android (android.graphics.Color)	4285179340 (0xFF6AA5CC)
YUV	151.8050, 25.7321, -40.1710
Hunter-Lab	58.5953, -10.2441, -21.8772

# Details

The Hex color **6AA5CC** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **CC916A**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **A2DCFF**, and **317196** is the 20% darker color. If you saturate the color by 10%, you get **569DCC**, and if you desaturate by 10%, it is **7EADCC**.

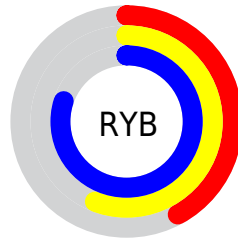
# Distribution



Red (42%)

Green (65%)

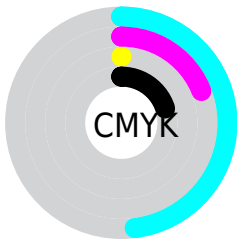
Blue (80%)



Red (42%)

Yellow (56%)

Blue (80%)

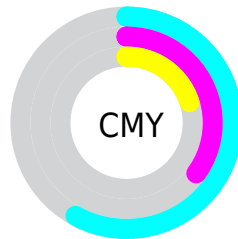


Cyan (48%)

Magenta (19%)

Yellow (0%)

Black (20%)



Cyan (58%)

Magenta (35%)

Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6AA5CC 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 6AA5CC by changing the saturation by 10% instead.



■ 6AA5CC

■ 6AA5CC

FFFFFF

■ 4E8BB0

■ A2DCFF

■ 317196

■ BEF8FF

■ 07597C

■ DBFFFF

■ 004263

■ F9FFFF

■ 002C4B

■ 001834

■ 00021E

■ 000001

■ 000000

■ 6AA5CC

■ 6AA5CC

■ 569DCC

■ 7EADCC

■ 4195CC

■ 93B5CC

■ 2D8DCC

■ A7BDCC

■ 1885CC

■ BCC5CC

■ 047CCC

■ D0CECC

■ 007BCC

■ E4D6CC

■ F9DECC

■ FFE6CC

■ FFEECC

# Harmonies

## Analogous

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



53AABE



6AA5CC



8D9DCE

# Triad

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



6AA5CC



CF8C96



8BA779

# Complementary

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



6AA5CC



CC916A

# 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.



A6A06E



6AA5CC



CC907F

# Square

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



6AA5CC



C58EAE



BD9871



6FAB8E

# Rectangle

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



6AA5CC



A498C8



BD9871



94A574

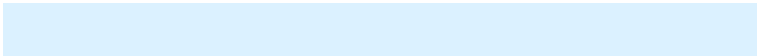


# Sweetspot

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



6AA5CC



DBF1FF



6ACC90



6A7780



000000



808080

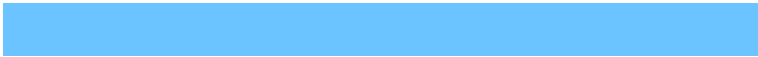


# Same Dimension

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



6AA5CC



6BC4FF



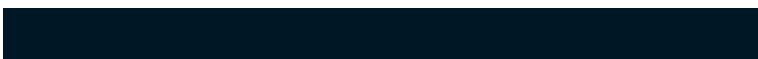
6A75CC



5C6266



0064A6



001726



# Inverse Universe

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



CC6AA5



FF6BC4



CCC16A



665C62



A60064



260017



# Previews

## White Background



This preview shows how the Hex color 6AA5CC looks on a white background.

## Color Contrast Check

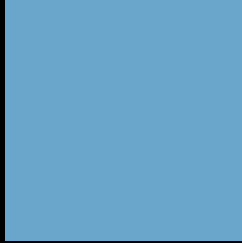
Large Text (above 18pt) WCAG AA × Fail

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 6AA5CC looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

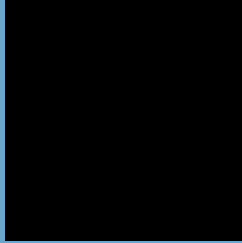
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

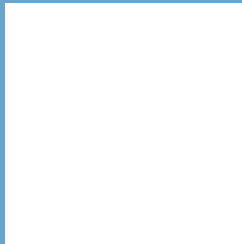
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6AA5CC Background



This preview shows how black text looks on a background with the Hex color 6AA5CC.

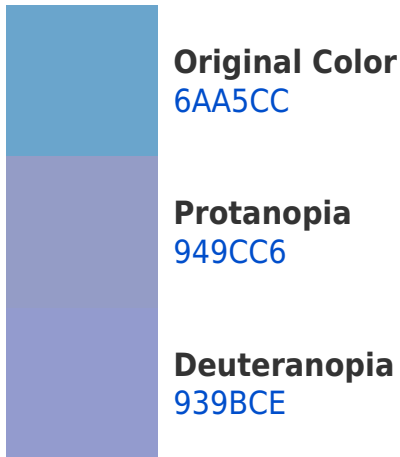


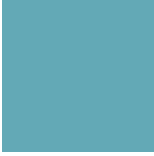
This preview shows how white text looks on a background with the Hex color 6AA5CC.

# 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](#).

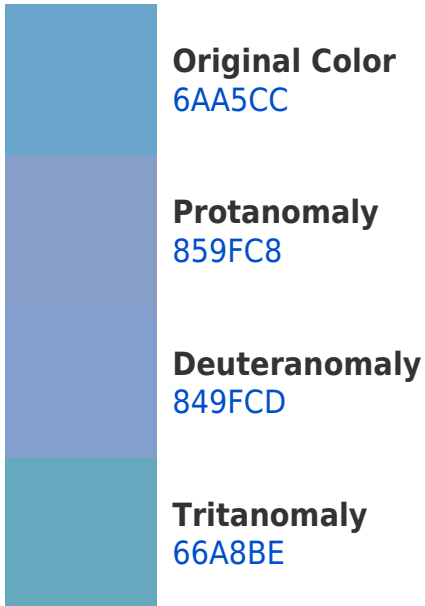
## Dichromacy



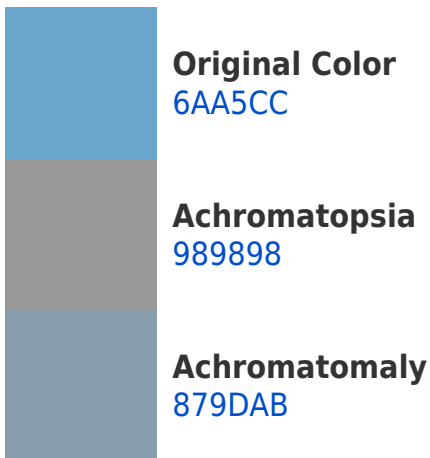


**Tritanopia**  
63A9B6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6AA5CC 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 #6AA5CC looks like.

```
.text, #text, p{  
    color:#6AA5CC  
}
```

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 #6AA5CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6AA5CC  
}
```

## Border

The CSS property to change the border of an element to Hex 6AA5CC 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  
#6AA5CC }
```

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

```
.border{ border-color:#6AA5CC }
```

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

Here you see how a box with a 4 pixel #6AA5CC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6AA5CC; -webkit-box-shadow:4px 4px  
4px 4px #6AA5CC; box-shadow:4px 4px 4px  
4px #6AA5CC }
```

# Background

The CSS property to change the background color of an element to Hex 6AA5CC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6AA5CC }
```

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

```
.background{ background-color:#6AA5CC }
```

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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