

# Converting Colors

Hex(6AB7CC)

Have a look what the booklet for  
Hex(6AB7CC) contains.

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**Color**

**Hex(6AB7CC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6AB7CC
RGB	106, 183, 204
RGB Percent	42%, 72%, 80%
CMY	0.5843, 0.2824, 0.2000
CMYK	0.48, 0.10, 0.00, 0.20
HSL	193°, 49%, 61%
HSV	193°, 48%, 80%
XYZ	33.7764, 41.2908, 63.3165
YIQ	162.3710, -52.6330, -9.7930

# Conversions

## Conversions Part 2

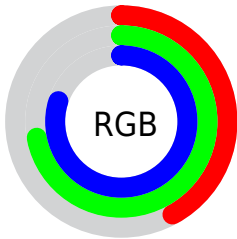
Format	Color
<a href="#">RYB</a>	106, 149, 204
Decimal	6993868
CIELab	70.38, -18.17, -18.01
CIElCh	70, 25.579, 224.744
Yxy	41.2908, 0.2441, 0.2984
Android (android.graphics.Color)	4285183948 (0xFF6AB7CC)
YUV	162.3710, 20.5231, -49.4374
Hunter-Lab	64.2579, -18.6248, -13.4408

# Details

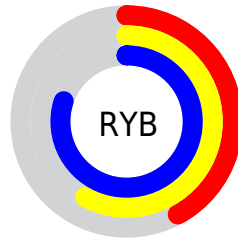
The Hex color **6AB7CC** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **CC7F6A**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **A3EFFF**, and **2F8296** is the 20% darker color. If you saturate the color by 10%, you get **56B3CC**, and if you desaturate by 10%, it is **7EBBCC**.

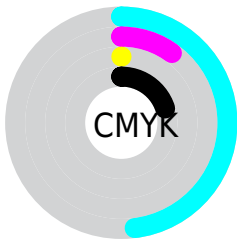
# Distribution



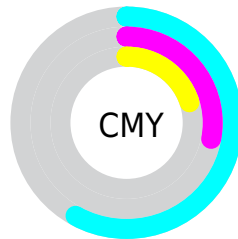
- Red (42%)
- Green (72%)
- Blue (80%)



- Red (42%)
- Yellow (58%)
- Blue (80%)



- Cyan (48%)
- Magenta (10%)
- Yellow (0%)
- Black (20%)



- Cyan (58%)
- Magenta (28%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6AB7CC 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 6AB7CC by changing the saturation by 10% instead.



 6AB7CC

 6AB7CC

FFFFFF

 4D9CB1

 A3EFFF

 2F8296

 BFFFFFF

 00697C

 DCFFFF

 005063

 FAFFFF

 00394B

 002334

 000420

 000003

 000000

■ 6AB7CC

■ 6AB7CC

■ 56B3CC

■ 7EBBCC

■ 41AECC

■ 93C0CC

■ 2DAACC

■ A7C4CC

■ 18A6CC

■ BCC8CC

■ 04A1CC

■ D0CDCC

■ 00A0CC

■ E4D1CC

■ F9D6CC

■ FFDACC

■ FFDECC

# Harmonies

## Analogous

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



6AB9B7



6AB7CC



80B2D8

# Triad

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



6AB7CC



D39DB9



B1AE7F

# Complementary

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



6AB7CC



CC7F6A

# 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.



C8A780



6AB7CC



DB9BA1

# Square

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



6AB7CC



BEA2CD



D79F8C



97B58B

# Rectangle

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



6AB7CC



95ADDA



D79F8C



B9AC7E

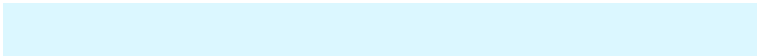


# Sweetspot

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



6AB7CC



DBF7FF



6ACC7E



6A7B80



000000



808080



# Same Dimension

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



6AB7CC



6BDFFF



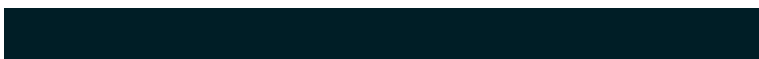
6A87CC



5C6466



0082A6



001E26



# Inverse Universe

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



CC6AB7



FF6BDF



CCAF6A



665C64



A60082

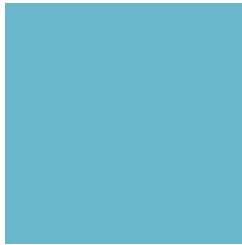


26001E



# Previews

## White Background



This preview shows how the Hex color 6AB7CC looks on a white background.

## Color Contrast Check

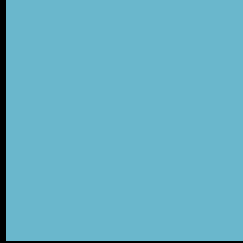
Large Text (above 18pt) WCAG AA × Fail

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 6AB7CC looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

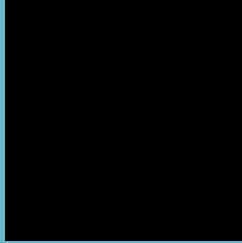
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 6AB7CC Background



This preview shows how black text looks on a background with the Hex color 6AB7CC.

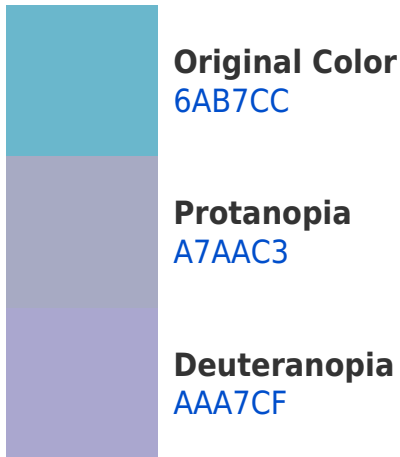


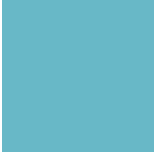
This preview shows how white text looks on a background with the Hex color 6AB7CC.

# 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](#).

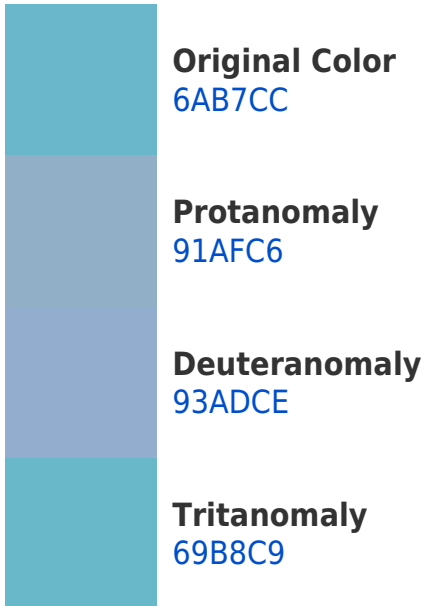
## Dichromacy



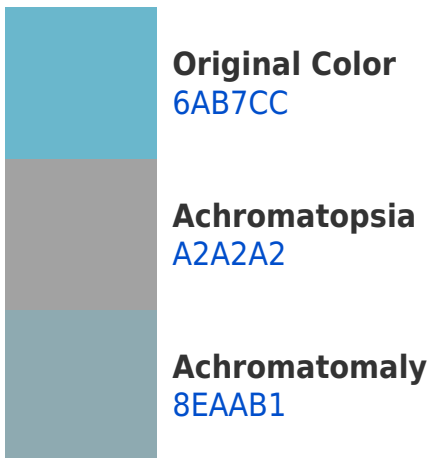


**Tritanopia**  
68B8C7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6AB7CC 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 #6AB7CC looks like.

```
.text, #text, p{  
    color:#6AB7CC  
}
```

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 #6AB7CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6AB7CC  
}
```

## Border

The CSS property to change the border of an element to Hex 6AB7CC 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  
#6AB7CC }
```

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

```
.border{ border-color:#6AB7CC }
```

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

Here you see how a box with a 4 pixel #6AB7CC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6AB7CC; -webkit-box-shadow:4px 4px  
4px 4px #6AB7CC; box-shadow:4px 4px 4px  
4px #6AB7CC }
```

# Background

The CSS property to change the background color of an element to Hex 6AB7CC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6AB7CC }
```

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

```
.background{ background-color:#6AB7CC }
```

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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