

Converting Colors

Hex(66B4CC)

Have a look what the booklet for
Hex(66B4CC) contains.

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Color

Hex(66B4CC)

Conversions

Conversions Part 1

Format	Color
Hex	66B4CC
RGB	102, 180, 204
RGB Percent	40%, 71%, 80%
CMY	0.6000, 0.2941, 0.2000
CMYK	0.50, 0.12, 0.00, 0.20
HSL	194°, 50%, 60%
HSV	194°, 50%, 80%
XYZ	32.6998, 39.8269, 63.0906
YIQ	159.4140, -54.1920, -9.0720

Conversions

Conversions Part 2

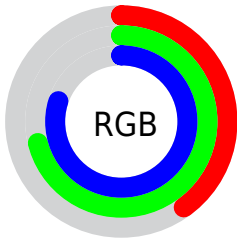
Format	Color
RYB	102, 146, 204
Decimal	6730956
CIELab	69.35, -17.52, -19.59
CIElCh	69, 26.279, 228.193
Yxy	39.8269, 0.2411, 0.2937
Android (android.graphics.Color)	4284921036 (0xFF66B4CC)
YUV	159.4140, 21.9809, -50.3521
Hunter-Lab	63.1086, -17.9499, -15.0971

Details

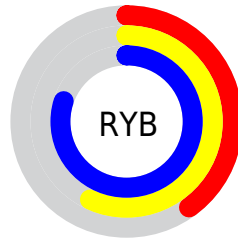
The Hex color **66B4CC** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **CC7E66**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **9FECFF**, and **297F96** is the 20% darker color. If you saturate the color by 10%, you get **52AFCC**, and if you desaturate by 10%, it is **7AB9CC**.

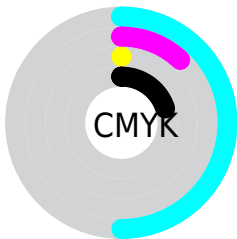
Distribution



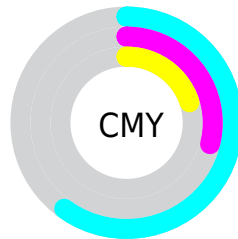
- Red (40%)
- Green (71%)
- Blue (80%)



- Red (40%)
- Yellow (57%)
- Blue (80%)



- Cyan (50%)
- Magenta (12%)
- Yellow (0%)
- Black (20%)



- Cyan (60%)
- Magenta (29%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 66B4CC 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 66B4CC by changing the saturation by 10% instead.

 66B4CC

 66B4CC

FFFFFF

 4999B1

 9FECFF

 297F96

 BCFFFF

 00667C

 D9FFFF

 004E63

 F6FFFF

 00374B

 002234

 00021F

 000003

 000000

■ 66B4CC

■ 66B4CC

■ 52AFCC

■ 7AB9CC

■ 3DAACC

■ 8FBECC

■ 29A6CC

■ A3C2CC

■ 14A1CC

■ B8C7CC

■ 009CCC

■ CCCCCC

■ E0D1CC

■ F5D6CC

■ FFDACC

■ FFDFCC

Harmonies

Analogous

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



64B7B7



66B4CC



7FAED7

Triad

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



66B4CC



D399B4



ACAC7C

Complementary

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



66B4CC



CC7E66

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.



C3A57B



66B4CC



DA989C

Square

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



66B4CC



BF9EC9



D49D87



90B389

Rectangle

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



66B4CC



95A9D8



D49D87



B4AA7A

Sweetspot

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



66B4CC



D9F6FF



66CC7E



697A80



000000



808080

Same Dimension

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



66B4CC



66DBFF



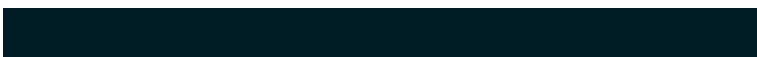
6681CC



5C6466



007FA6



001D26

Inverse Universe

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



CC66B4



FF66DB



CCB166



665C64



A6007F



26001D

Previews

White Background



This preview shows how the Hex color 66B4CC looks on a white background.

Color Contrast Check

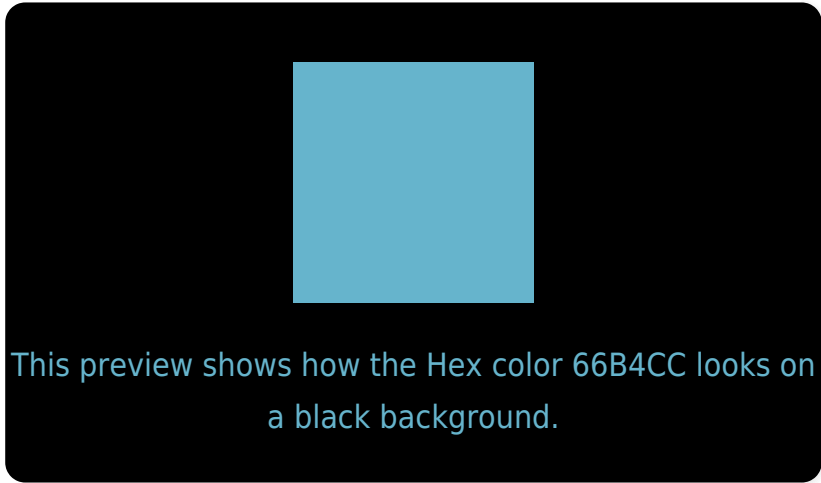
Large Text (above 18pt) WCAG AA × Fail

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

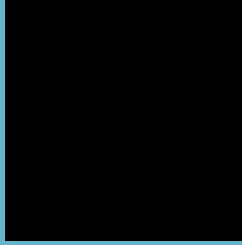
Any Text WCAG AA ✓ Pass

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 66B4CC Background



This preview shows how black text looks on a background with the Hex color 66B4CC.

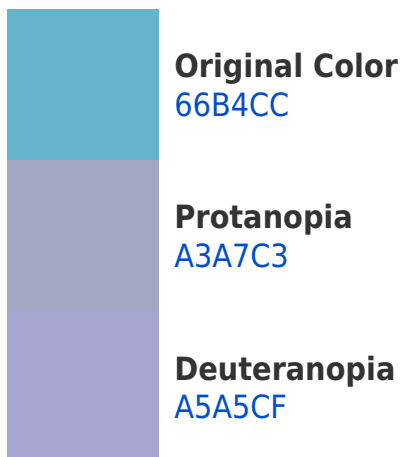


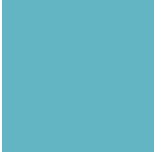
This preview shows how white text looks on a background with the Hex color 66B4CC.

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](#).

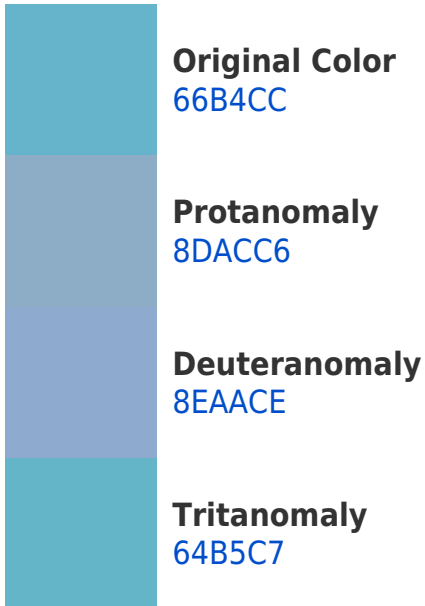
Dichromacy



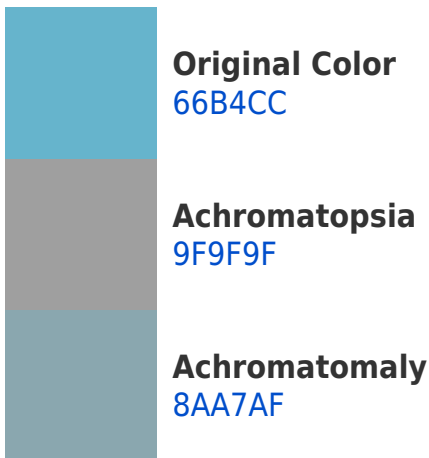


Tritanopia
63B5C4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 66B4CC 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 #66B4CC looks like.

```
.text, #text, p{  
    color:#66B4CC  
}
```

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 #66B4CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66B4CC
}
```

Border

The CSS property to change the border of an element to Hex 66B4CC 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
#66B4CC }
```

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

```
.border{ border-color:#66B4CC }
```

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

Here you see how a box with a 4 pixel #66B4CC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66B4CC; -webkit-box-shadow:4px 4px  
4px 4px #66B4CC; box-shadow:4px 4px 4px  
4px #66B4CC }
```

Background

The CSS property to change the background color of an element to Hex 66B4CC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66B4CC }
```

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

```
.background{ background-color:#66B4CC }
```

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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