

Converting Colors

Hex(66B3CC)

Have a look what the booklet for
Hex(66B3CC) contains.

Hex(66B3CC)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(66B3CC)

Conversions

Conversions Part 1

Format	Color
Hex	66B3CC
RGB	102, 179, 204
RGB Percent	40%, 70%, 80%
CMY	0.6000, 0.2980, 0.2000
CMYK	0.50, 0.12, 0.00, 0.20
HSL	195°, 50%, 60%
HSV	195°, 50%, 80%
XYZ	32.4987, 39.4246, 63.0236
YIQ	158.8270, -53.9170, -8.5490

Conversions

Conversions Part 2

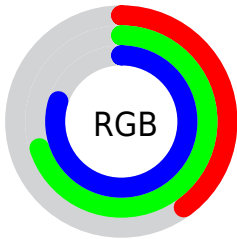
Format	Color
R _{YB}	102, 146, 204
Decimal	6730700
CIE Lab	69.06, -17.00, -20.03
CIE LCh	69, 26.266, 229.681
Yxy	39.4246, 0.2408, 0.2921
Android (android.graphics.Color)	4284920780 (0xFF66B3CC)
YUV	158.8270, 22.2703, -49.8373
Hunter-Lab	62.7890, -17.4918, -15.5592

Details

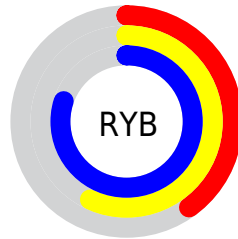
The Hex color **66B3CC** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **CC7F66**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **9FEBFF**, and **297E96** is the 20% darker color. If you saturate the color by 10%, you get **52AECC**, and if you desaturate by 10%, it is **7AB8CC**.

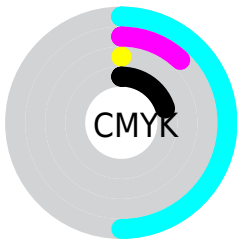
Distribution



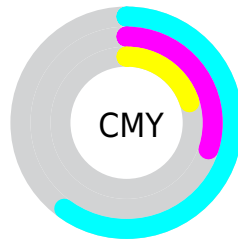
- Red (40%)
- Green (70%)
- Blue (80%)



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



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



- Cyan (60%)
- Magenta (30%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 66B3CC 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 66B3CC by changing the saturation by 10% instead.

 66B3CC

 66B3CC

FFFFFF

 4998B1

 9FEBFF

 297E96

 BCFFFF

 00657C

 D9FFFF

 004D63

 F6FFFF

 00364B

 002134

 00021F

 000003

 000000

■ 66B3CC

■ 66B3CC

■ 52AECC

■ 7AB8CC

■ 3DA9CC

■ 8FBDCC

■ 29A4CC

■ A3C2CC

■ 149FCC

■ B8C7CC

■ 009ACC

■ CCCCCC

■ E0D1CC

■ F5D6CC

■ FFDBCC

■ FFE0CC

Harmonies

Analogous

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



63B6B8



66B3CC



7FADD7

Triad

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



66B3CC



D398B2



AAAC7B

Complementary

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



66B3CC



CC7F66

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.



C1A47A



66B3CC



D9989A

Square

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



66B3CC



BF9DC8



D29D85



8EB289

Rectangle

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



66B3CC



96A8D7



D29D85



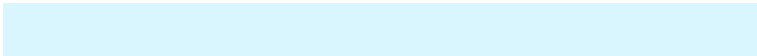
B2AA7A

Sweetspot

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



66B3CC



D9F6FF



66CC7E



697A80



000000



808080

Same Dimension

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



66B3CC



66D9FF



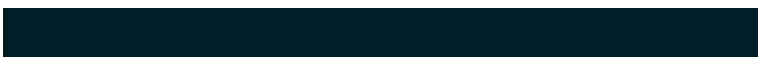
6681CC



5C6466



007DA6



001D26

Inverse Universe

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



CC66B3



FF66D9



CCB166



665C63



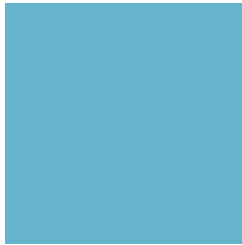
A6007D



26001D

Previews

White Background



This preview shows how the Hex color 66B3CC looks on a white background.

Color Contrast Check

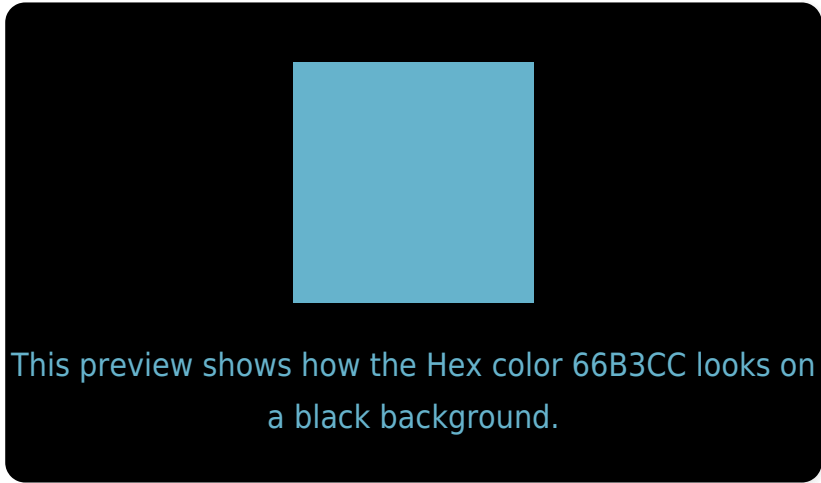
Large Text (above 18pt) WCAG AA × Fail

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

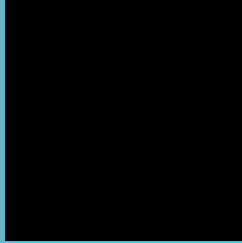
Any Text WCAG AA ✓ Pass

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 66B3CC Background



This preview shows how black text looks on a background with the Hex color 66B3CC.

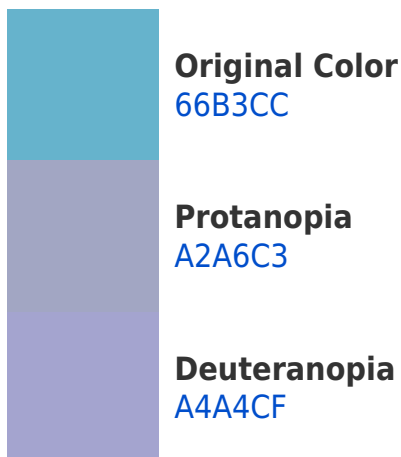


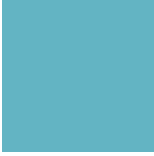
This preview shows how white text looks on a background with the Hex color 66B3CC.

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](#).

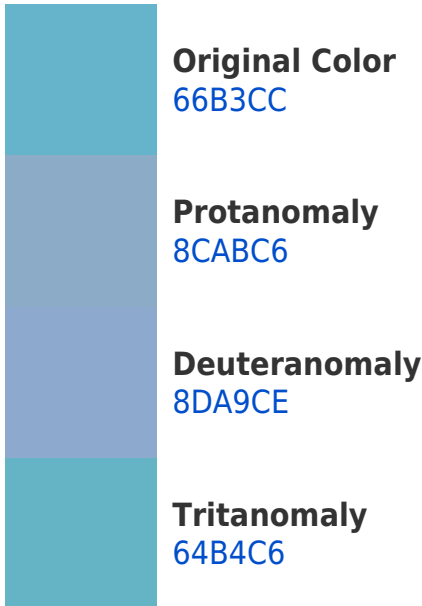
Dichromacy



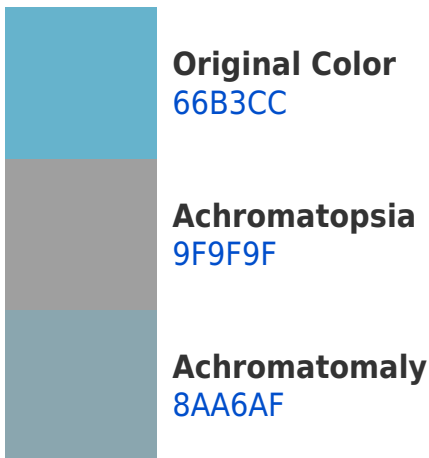


Tritanopia
63B4C3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 66B3CC 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 #66B3CC looks like.

```
.text, #text, p{  
    color:#66B3CC  
}
```

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 #66B3CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66B3CC  
}
```

Border

The CSS property to change the border of an element to Hex 66B3CC 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  
#66B3CC }
```

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

```
.border{ border-color:#66B3CC }
```

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

Here you see how a box with a 4 pixel #66B3CC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66B3CC; -webkit-box-shadow:4px 4px  
4px 4px #66B3CC; box-shadow:4px 4px 4px  
4px #66B3CC }
```

Background

The CSS property to change the background color of an element to Hex 66B3CC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66B3CC }
```

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

```
.background{ background-color:#66B3CC }
```

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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