

Converting Colors

Hex(66BBE0)

Have a look what the booklet for
Hex(66BBE0) contains.

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Color

Hex(66BBE0)

Conversions

Conversions Part 1

Format	Color
Hex	66BBE0
RGB	102, 187, 224
RGB Percent	40%, 73%, 88%
CMY	0.6000, 0.2667, 0.1216
CMYK	0.54, 0.17, 0.00, 0.12
HSL	198°, 66%, 64%
HSV	198°, 54%, 88%
XYZ	36.7044, 43.7472, 77.0305
YIQ	165.8030, -62.5370, -6.5130

Conversions

Conversions Part 2

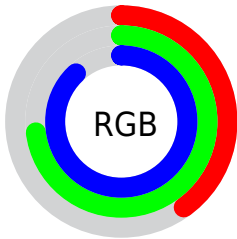
Format	Color
RYB	102, 152, 224
Decimal	6732768
CIELab	72.06, -15.46, -26.38
CIELCh	72, 30.578, 239.634
Yxy	43.7472, 0.2331, 0.2778
Android (android.graphics.Color)	4284922848 (0xFF66BBE0)
YUV	165.8030, 28.6911, -55.9552
Hunter-Lab	66.1417, -16.6920, -22.7517

Details

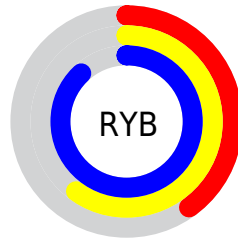
The Hex color **66BBE0** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **E08B66**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **A1F3FF**, and **2386A9** is the 20% darker color. If you saturate the color by 10%, you get **50B4E0**, and if you desaturate by 10%, it is **7CC2E0**.

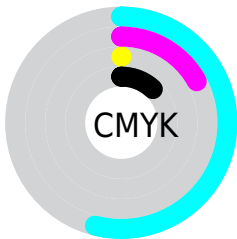
Distribution



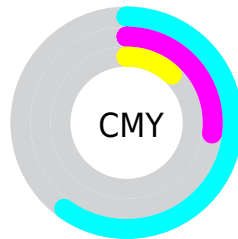
- Red (40%)
- Green (73%)
- Blue (88%)



- Red (40%)
- Yellow (60%)
- Blue (88%)



- Cyan (54%)
- Magenta (17%)
- Yellow (0%)
- Black (12%)



- Cyan (60%)
- Magenta (27%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color 66BBE0 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 66BBE0 by changing the saturation by 10% instead.

■ 66BBE0

■ 66BBE0

FFFFFF

■ 47A0C4

■ A1F3FF

■ 2386A9

■ BEFFFF

■ 006C8E

■ DCFFFF

■ 005474

■ FAFFFF

■ 003D5C

■ 002744

■ 00102E

■ 000118

■ 000000

■ 66BBE0

■ 66BBE0

■ 50B4E0

■ 7CC2E0

■ 39ADE0

■ 93C9E0

■ 23A7E0

■ A9CFE0

■ 0CA0E0

■ C0D6E0

■ 009CE0

■ D6DDE0

■ ECE4E0

■ FFEBE0

■ FFF1E0

■ FFF8E0

Harmonies

Analogous

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



57BFCB



66BBE0



8CB3E8

Triad

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



66BBE0



E69CB2



A7B77F

Complementary

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



66BBE0



E0B666

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.



C5AF79



66BBE0



E89E96

Square

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



66BBE0



D4A1CD



DCA581



87BD94

Rectangle

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



66BBE0



A7ADE5



DCA581



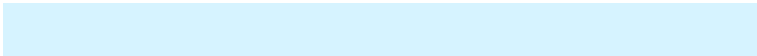
B1B57C

Sweetspot

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



66BBE0



D6F3FF



66E08B



677880



000000



808080

Same Dimension

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



66BBE0



59CDFF



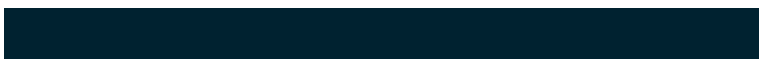
667EE0



656D70



007BB0



002230

Inverse Universe

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



E066BB



FF59CD



E0C866



70656D



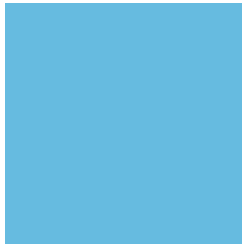
B0007B



300022

Previews

White Background



This preview shows how the Hex color 66BBE0 looks on a white background.

Color Contrast Check

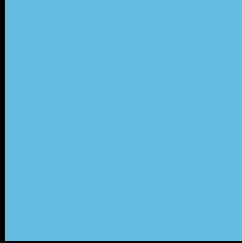
Large Text (above 18pt) WCAG AA × Fail

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 66BBE0 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 66BBE0 Background



This preview shows how black text looks on a background with the Hex color 66BBE0.

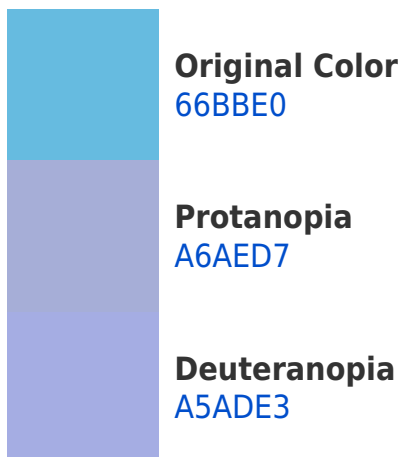


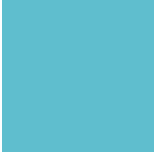
This preview shows how white text looks on a background with the Hex color 66BBE0.

Color Blindness Simulation

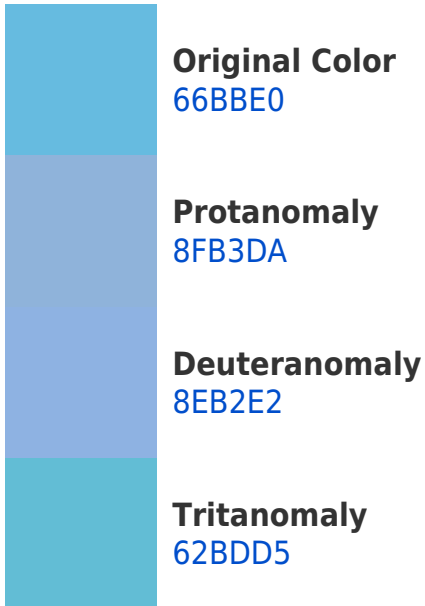
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

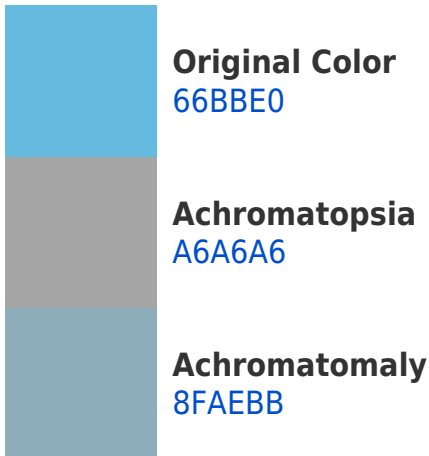




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 66BBE0 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 #66BBE0 looks like.

```
.text, #text, p{  
    color:#66BBE0  
}
```

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 #66BBE0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66BBE0
}
```

Border

The CSS property to change the border of an element to Hex 66BBE0 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
#66BBE0 }
```

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

```
.border{ border-color:#66BBE0 }
```

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

Here you see how a box with a 4 pixel #66BBE0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66BBE0; -webkit-box-shadow:4px 4px  
4px 4px #66BBE0; box-shadow:4px 4px 4px  
4px #66BBE0 }
```

Background

The CSS property to change the background color of an element to Hex 66BBE0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66BBE0 }
```

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

```
.background{ background-color:#66BBE0 }
```

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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