

# Converting Colors

Hex(66B9E7)

Have a look what the booklet for  
Hex(66B9E7) contains.

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# **Color**

**Hex(66B9E7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	66B9E7
RGB	102, 185, 231
RGB Percent	40%, 73%, 91%
CMY	0.6000, 0.2745, 0.0941
CMYK	0.56, 0.20, 0.00, 0.09
HSL	201°, 73%, 65%
HSV	201°, 56%, 91%
XYZ	37.2523, 43.2922, 81.9941
YIQ	165.4270, -64.2340, -3.2900

# Conversions

## Conversions Part 2

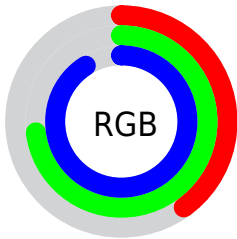
Format	Color
<a href="#">RYB</a>	102, 153, 231
Decimal	6732263
CIELab	71.75, -12.33, -30.66
CIElCh	72, 33.048, 248.085
Yxy	43.2922, 0.2292, 0.2664
Android (android.graphics.Color)	4284922343 (0xFF66B9E7)
YUV	165.4270, 32.3275, -55.6255
Hunter-Lab	65.7968, -14.0829, -27.8277

# Details

The Hex color **66B9E7** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **E79466**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **A1F1FF**, and **2184AF** is the 20% darker color. If you saturate the color by 10%, you get **4FB1E7**, and if you desaturate by 10%, it is **7DC1E7**.

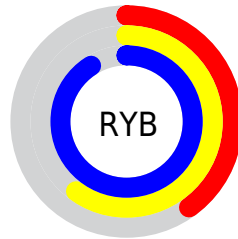
# Distribution



Red (40%)

Green (73%)

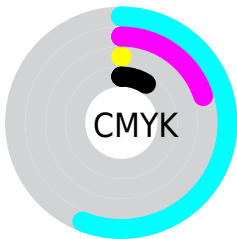
Blue (91%)



Red (40%)

Yellow (60%)

Blue (91%)

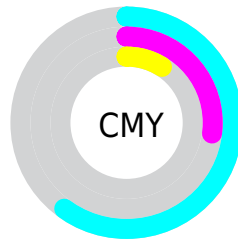


Cyan (56%)

Magenta (20%)

Yellow (0%)

Black (9%)



Cyan (60%)

Magenta (27%)

Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 66B9E7 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 66B9E7 by changing the saturation by 10% instead.



 66B9E7

 66B9E7

FFFFFF

 479ECB

 A1F1FF

 2184AF

 BFFFFFF

 006B94

 DCFFFF

 00537B

 FBFFFF

 003C61

 002649

 000F33

 00021D

 000000

■ 66B9E7

■ 66B9E7

■ 4FB1E7

■ 7DC1E7

■ 38A9E7

■ 94C9E7

■ 21A0E7

■ ABD2E7

■ 0A98E7

■ C2DAE7

■ 0095E7

■ DAE2E7

■ F1EAE7

■ FFF3E7

■ FFFBE7

■ FFFF E7

# Harmonies

## Analogous

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



4ABFD4



66B9E7



94B0EB

# Triad

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



66B9E7



EB99A9



9CB97F

# Complementary

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



66B9E7



E79466

# 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.



BDB174



66B9E7



E89D8C

# Square

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



66B9E7



DD9CC7



D8A678



78BE98

# Rectangle

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



66B9E7



B1A9E5



D8A678



A7B77A

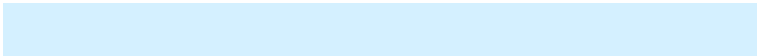


# Sweetspot

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



66B9E7



D4F0FF



66E793



667680



000000



808080



# Same Dimension

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



66B9E7



54C2FF



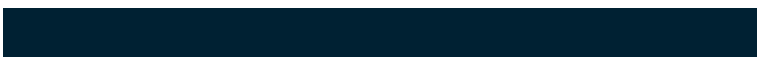
6679E7



676F73



0073B3



002133



# Inverse Universe

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



E766B9



FF54C2



E7D466



73676F



B30073



330021



# Previews

## White Background



This preview shows how the Hex color 66B9E7 looks on a white background.

## Color Contrast Check

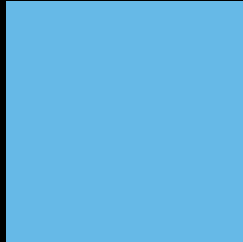
Large Text (above 18pt) WCAG AA × Fail

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 66B9E7 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

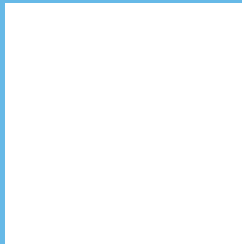
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 66B9E7 Background



This preview shows how black text looks on a background with the Hex color 66B9E7.

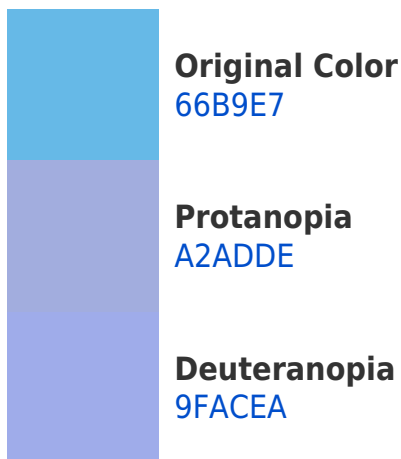


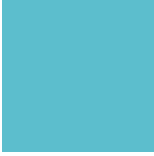
This preview shows how white text looks on a background with the Hex color 66B9E7.

# Color Blindness Simulation

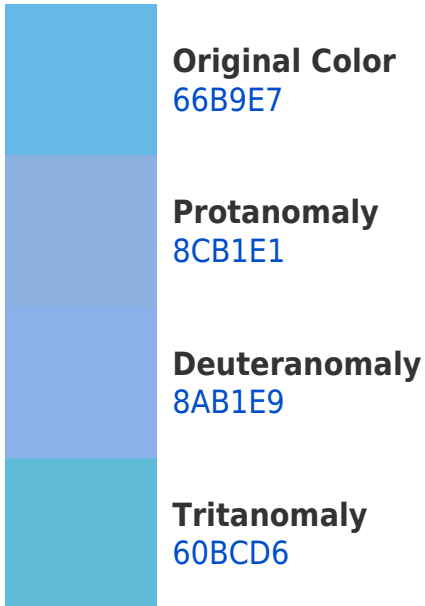
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

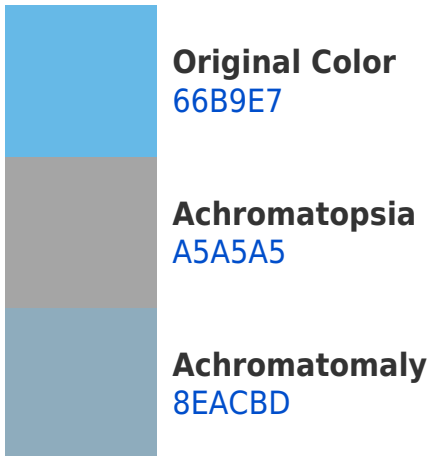




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 66B9E7 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 #66B9E7 looks like.

```
.text, #text, p{  
    color:#66B9E7  
}
```

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 #66B9E7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66B9E7
}
```

## Border

The CSS property to change the border of an element to Hex 66B9E7 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
#66B9E7 }
```

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

```
.border{ border-color:#66B9E7 }
```

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

Here you see how a box with a 4 pixel #66B9E7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66B9E7; -webkit-box-shadow:4px 4px  
4px 4px #66B9E7; box-shadow:4px 4px 4px  
4px #66B9E7 }
```

# Background

The CSS property to change the background color of an element to Hex 66B9E7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66B9E7 }
```

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

```
.background{ background-color:#66B9E7 }
```

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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