

# Converting Colors

Hex(65BBEB)

Have a look what the booklet for  
Hex(65BBEB) contains.

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# **Color**

**Hex(65BBEB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	65BBEB
RGB	101, 187, 235
RGB Percent	40%, 73%, 92%
CMY	0.6039, 0.2667, 0.0784
CMYK	0.57, 0.20, 0.00, 0.08
HSL	201°, 77%, 66%
HSV	201°, 57%, 92%
XYZ	38.1325, 44.3055, 85.1393
YIQ	166.7580, -66.6640, -3.3040

# Conversions

## Conversions Part 2

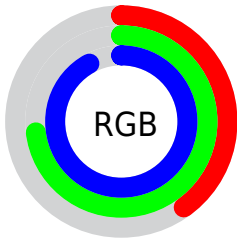
Format	Color
<a href="#">RYB</a>	101, 153, 235
Decimal	6667243
CIELab	72.43, -12.40, -31.79
CIElCh	72, 34.120, 248.684
Yxy	44.3055, 0.2276, 0.2644
Android (android.graphics.Color)	4284857323 (0xFF65BBEB)
YUV	166.7580, 33.6433, -57.6698
Hunter-Lab	66.5624, -14.2243, -29.2436

# Details

The Hex color **65BBEB** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **EB9565**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **A1F3FF**, and **1D86B3** is the 20% darker color. If you saturate the color by 10%, you get **4EB3EB**, and if you desaturate by 10%, it is **7DC3EB**.

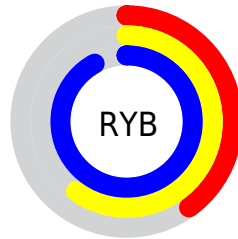
# Distribution



Red (40%)

Green (73%)

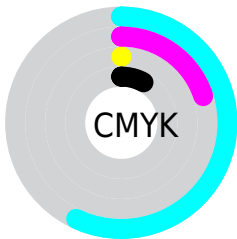
Blue (92%)



Red (40%)

Yellow (60%)

Blue (92%)

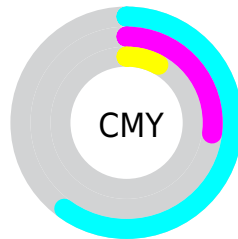


Cyan (57%)

Magenta (20%)

Yellow (0%)

Black (8%)



Cyan (60%)

Magenta (27%)

Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 65BBEB 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 65BBEB by changing the saturation by 10% instead.



 65BBEB

 65BBEB

FFFFFF

 45A0CF

 A1F3FF

 1D86B3

 BEFFFF

 006D98

 DCFFFF

 00547E

 FAFFFF

 003D65

 00284D

 001336

 000220

 000004

■ 65BBEB

■ 65BBEB

■ 4EB3EB

■ 7DC3EB

■ 36AAEB

■ 94CCEB

■ 1FA2EB

■ ACD4EB

■ 0799EB

■ C3DDEB

■ 0097EB

■ DBE5EB

■ F2EEEB

■ FFF6EB

■ FFFEEB

■ FFFFEB

# Harmonies

## Analogous

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



46C1D8



65BBEB



95B2EF

# Triad

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



65BBEB



EF9AAA



9CBB80

# Complementary

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



65BBEB



EB9565

# 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.



BEB373



65BBEB



EC9E8C

# Square

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



65BBEB



E19DC9



DAA878



77C19A

# Rectangle

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



65BBEB



B4AAE8



DAA878



A8B97A

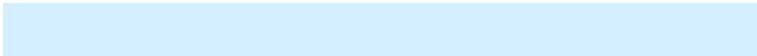


# Sweetspot

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



65BBEB



D4EFFF



65EB94



667680



000000



808080



# Same Dimension

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



65BBEB



52C1FF



6579EB



6A7175



0074B5



002236



# Inverse Universe

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



EB65BB



FF52C1



EBD765



756A71



B50074

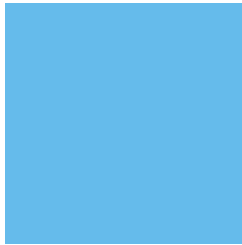


360022



# Previews

## White Background



This preview shows how the Hex color 65BBEB looks on a white background.

## Color Contrast Check

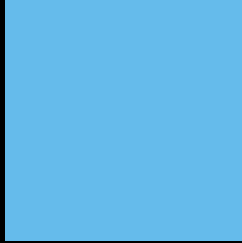
Large Text (above 18pt) WCAG AA × Fail

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 65BBEB 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

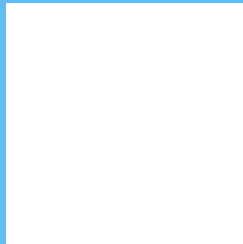
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 65BBEB Background



This preview shows how black text looks on a background with the Hex color 65BBEB.

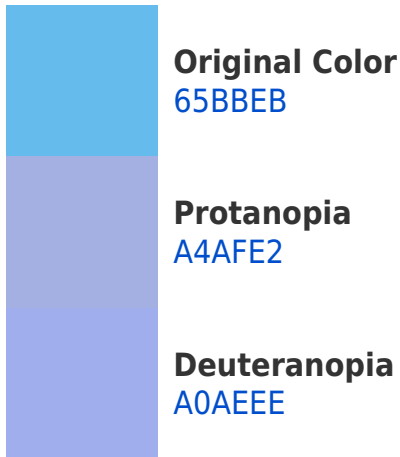


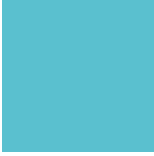
This preview shows how white text looks on a background with the Hex color 65BBEB.

# Color Blindness Simulation

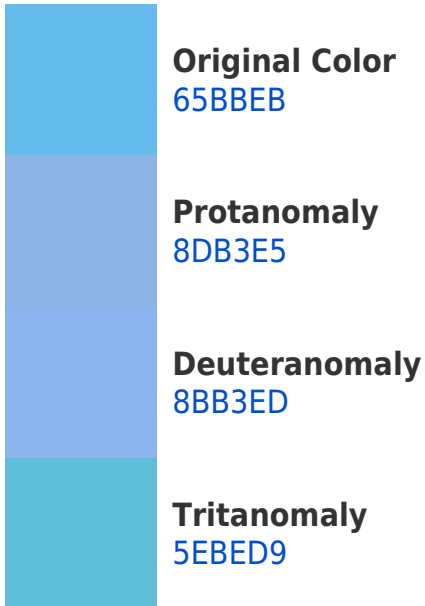
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

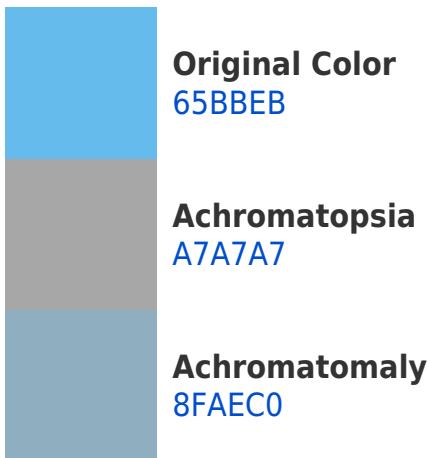




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 65BBEB 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 #65BBEB looks like.

```
.text, #text, p{  
    color:#65BBEB  
}
```

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 #65BBEB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #65BBEB
}
```

## Border

The CSS property to change the border of an element to Hex 65BBEB 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
#65BBEB }
```

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

```
.border{ border-color:#65BBEB }
```

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

Here you see how a box with a 4 pixel #65BBEB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #65BBEB; -webkit-box-shadow:4px 4px  
4px 4px #65BBEB; box-shadow:4px 4px 4px  
4px #65BBEB }
```

# Background

The CSS property to change the background color of an element to Hex 65BBEB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#65BBEB }
```

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

```
.background{ background-color:#65BBEB }
```

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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