

# Converting Colors

Hex(65B5D0)

Have a look what the booklet for  
Hex(65B5D0) contains.

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# **Color**

**Hex(65B5D0)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	65B5D0
RGB	101, 181, 208
RGB Percent	40%, 71%, 82%
CMY	0.6039, 0.2902, 0.1843
CMYK	0.51, 0.13, 0.00, 0.18
HSL	195°, 53%, 61%
HSV	195°, 51%, 82%
XYZ	33.2759, 40.3685, 65.7126
YIQ	160.1580, -56.3470, -8.5630

# Conversions

## Conversions Part 2

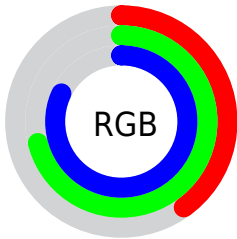
Format	Color
<a href="#">RYB</a>	<a href="#">101, 147, 208</a>
Decimal	<a href="#">6665680</a>
CIELab	<a href="#">69.73, -17.13, -21.20</a>
CIELCh	<a href="#">70, 27.260, 231.060</a>
Yxy	<a href="#">40.3685, 0.2388, 0.2897</a>
Android (android.graphics.Color)	<a href="#">4284855760 (0xFF65B5D0)</a>
YUV	<a href="#">160.1580, 23.5861, -51.8816</a>
Hunter-Lab	<a href="#">63.5362, -17.7025, -16.8456</a>

# Details

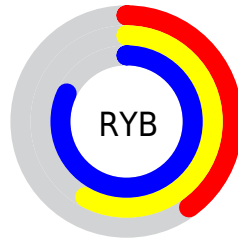
The Hex color **65B5D0** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **D08065**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **9EEDFF**, and **27809A** is the 20% darker color. If you saturate the color by 10%, you get **50B0D0**, and if you desaturate by 10%, it is **7ABAD0**.

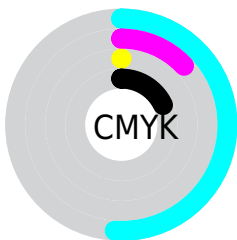
# Distribution



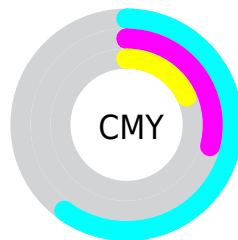
- Red (40%)
- Green (71%)
- Blue (82%)



- Red (40%)
- Yellow (58%)
- Blue (82%)



- Cyan (51%)
- Magenta (13%)
- Yellow (0%)
- Black (18%)



- Cyan (60%)
- Magenta (29%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 65B5D0 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 65B5D0 by changing the saturation by 10% instead.



65B5D0

65B5D0

FFFFFF

489AB4

9EEDFF

27809A

BBFFFF

006780

D8FFFF

004F66

F6FFFF

00384E

002237

000222

000009

000000

65B5D0

65B5D0

50B0D0

7ABAD0

3BABD0

8FBFD0

27A5D0

A3C5D0

12A0D0

B8CAD0

009CD0

CDCFD0

E2D4D0

F7DAD0

FFDFD0

FFE4D0

# Harmonies

## Analogous

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



60B8BB



65B5D0



81AFDB

# Triad

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



65B5D0



D799B3



AAAE7C

# Complementary

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



65B5D0



D08065

# 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.



C3A67A



65B5D0



DC999A

# Square

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



65B5D0



C39ECA



D59E85



8EB48B

# Rectangle

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



65B5D0



98AADB



D59E85



B3AC7A

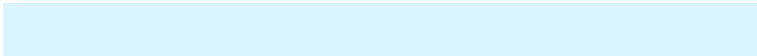


# Sweetspot

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



65B5D0



D9F5FF



65D080



697A80



000000



808080



# Same Dimension

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



65B5D0



61D7FF



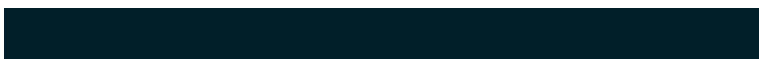
6580D0



5E6669



007EA8



001F29



# Inverse Universe

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



D065B5



FF61D7



D0B565



695E66



A8007E

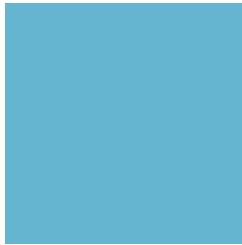


29001F



# Previews

## White Background



This preview shows how the Hex color 65B5D0 looks on a white background.

## Color Contrast Check

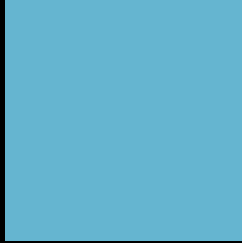
Large Text (above 18pt) WCAG AA × Fail

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 65B5D0 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

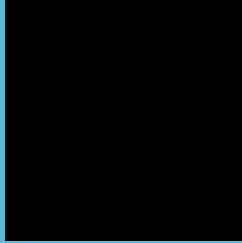
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 65B5D0 Background



This preview shows how black text looks on a background with the Hex color 65B5D0.

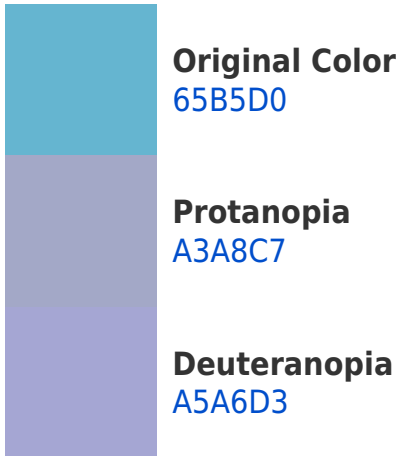


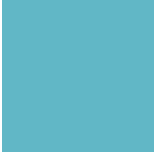
This preview shows how white text looks on a background with the Hex color 65B5D0.

# 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](#).

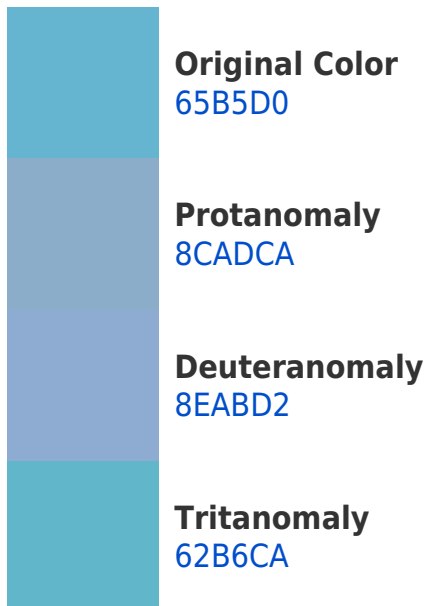
## Dichromacy



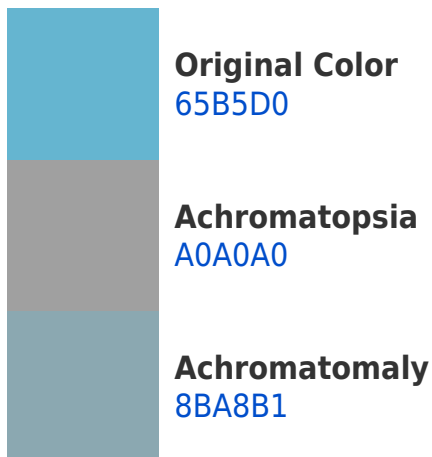


**Tritanopia**  
61B7C6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 65B5D0 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 #65B5D0 looks like.

```
.text, #text, p{  
    color:#65B5D0  
}
```

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 #65B5D0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #65B5D0
}
```

## Border

The CSS property to change the border of an element to Hex 65B5D0 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
#65B5D0 }
```

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

```
.border{ border-color:#65B5D0 }
```

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

Here you see how a box with a 4 pixel #65B5D0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #65B5D0; -webkit-box-shadow:4px 4px  
4px 4px #65B5D0; box-shadow:4px 4px 4px  
4px #65B5D0 }
```

# Background

The CSS property to change the background color of an element to Hex 65B5D0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#65B5D0 }
```

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

```
.background{ background-color:#65B5D0 }
```

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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