

Converting Colors

Hex(65B1D4)

Have a look what the booklet for
Hex(65B1D4) contains.

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Color

Hex(65B1D4)

Conversions

Conversions Part 1

Format	Color
Hex	65B1D4
RGB	101, 177, 212
RGB Percent	40%, 69%, 83%
CMY	0.6039, 0.3059, 0.1686
CMYK	0.52, 0.17, 0.00, 0.17
HSL	199°, 56%, 61%
HSV	199°, 52%, 83%
XYZ	32.9726, 38.9644, 68.0704
YIQ	158.2660, -56.5310, -5.2270

Conversions

Conversions Part 2

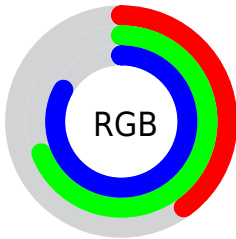
Format	Color
RYB	101, 146, 212
Decimal	6664660
CIELab	68.73, -13.87, -24.93
CIELCh	69, 28.533, 240.912
Yxy	38.9644, 0.2355, 0.2783
Android (android.graphics.Color)	4284854740 (0xFF65B1D4)
YUV	158.2660, 26.4909, -50.2223
Hunter-Lab	62.4215, -14.9494, -20.9604

Details

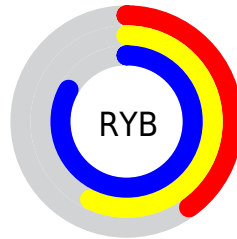
The Hex color **65B1D4** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **D48865**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **9EE9FF**, and **267C9D** is the 20% darker color. If you saturate the color by 10%, you get **50AAD4**, and if you desaturate by 10%, it is **7AB8D4**.

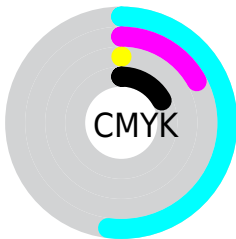
Distribution



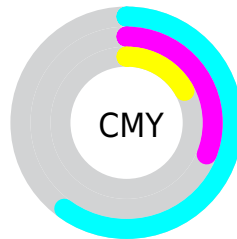
- Red (40%)
- Green (69%)
- Blue (83%)



- Red (40%)
- Yellow (57%)
- Blue (83%)



- Cyan (52%)
- Magenta (17%)
- Yellow (0%)
- Black (17%)



- Cyan (60%)
- Magenta (31%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color 65B1D4 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 65B1D4 by changing the saturation by 10% instead.

■ 65B1D4

■ 65B1D4

FFFFFF

■ 4796B8

■ 9EE9FF

■ 267C9D

■ BBFFFF

■ 006383

■ D9FFFF

■ 004C6A

■ F6FFFF

■ 003552

■ 00203A

■ 000225

■ 00010D

■ 000000

■ 65B1D4

■ 65B1D4

■ 50AAD4

■ 7AB8D4

■ 3BA4D4

■ 8FBED4

■ 259DD4

■ A5C5D4

■ 1096D4

■ BACCD4

■ 0091D4

■ CFD2D4

■ E4D9D4

■ F9E0D4

■ FFE6D4

■ FFEDD4

Harmonies

Analogous

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



56B5C1



65B1D4



88AADB

Triad

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



65B1D4



D995A8



9EAE7B

Complementary

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



65B1D4



D48865

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.



B9A674



65B1D4



DB978E

Square

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



65B1D4



C999C1



CF9E7B



80B48E

Rectangle

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



65B1D4



A1A4D8



CF9E7B



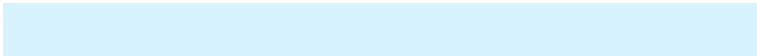
A7AC77

Sweetspot

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



65B1D4



D6F2FF



65D486



677880



000000



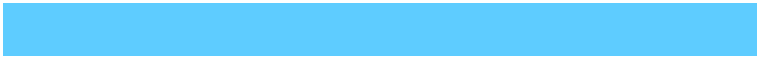
808080

Same Dimension

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



65B1D4



5ECCFF



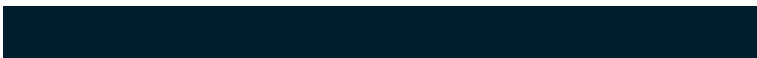
657BD4



60686B



0075AB



001E2B

Inverse Universe

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



D465B1



FF5ECC



D4BE65



6B6068



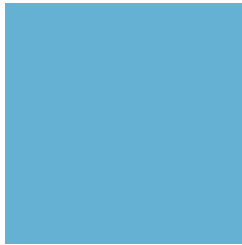
AB0075



2B001E

Previews

White Background



This preview shows how the Hex color 65B1D4 looks on a white background.

Color Contrast Check

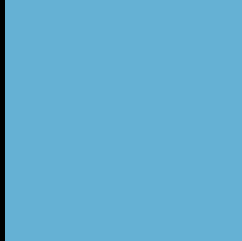
Large Text (above 18pt) WCAG AA × Fail

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 65B1D4 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 65B1D4 Background



This preview shows how black text looks on a background with the Hex color 65B1D4.

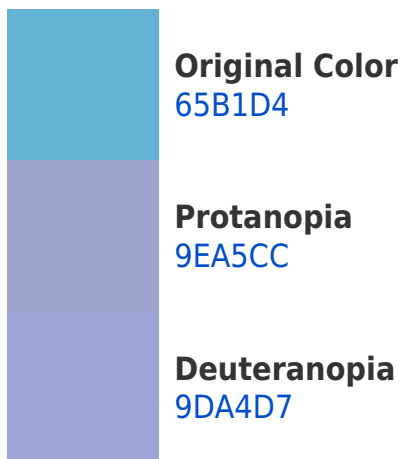


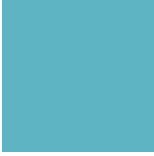
This preview shows how white text looks on a background with the Hex color 65B1D4.

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](#).

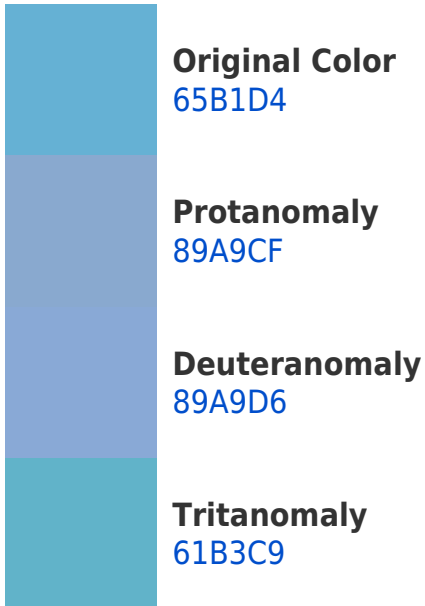
Dichromacy



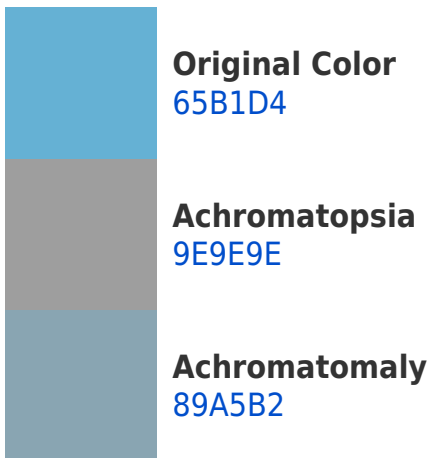


Tritanopia
5FB4C3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 65B1D4 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 #65B1D4 looks like.

```
.text, #text, p{  
    color:#65B1D4  
}
```

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 #65B1D4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #65B1D4
}
```

Border

The CSS property to change the border of an element to Hex 65B1D4 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
#65B1D4 }
```

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

```
.border{ border-color:#65B1D4 }
```

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

Here you see how a box with a 4 pixel #65B1D4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #65B1D4; -webkit-box-shadow:4px 4px  
4px 4px #65B1D4; box-shadow:4px 4px 4px  
4px #65B1D4 }
```

Background

The CSS property to change the background color of an element to Hex 65B1D4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#65B1D4 }
```

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

```
.background{ background-color:#65B1D4 }
```

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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