

Converting Colors

Hex(65CEDB)

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

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Color

Hex(65CEDB)

Conversions

Conversions Part 1

Format	Color
Hex	65CEDB
RGB	101, 206, 219
RGB Percent	40%, 81%, 86%
CMY	0.6039, 0.1922, 0.1412
CMYK	0.54, 0.06, 0.00, 0.14
HSL	187°, 62%, 63%
HSV	187°, 54%, 86%
XYZ	40.2243, 52.0238, 74.9394
YIQ	176.0870, -66.7530, -18.2170

Conversions

Conversions Part 2

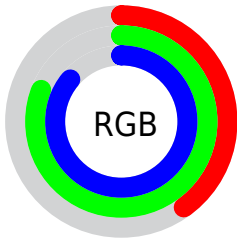
Format	Color
RYB	101, 157, 219
Decimal	6672091
CIELab	77.30, -26.74, -15.73
CIELCh	77, 31.023, 210.464
Yxy	52.0238, 0.2406, 0.3112
Android (android.graphics.Color)	4284862171 (0xFF65CEDB)
YUV	176.0870, 21.1561, -65.8513
Hunter-Lab	72.1275, -26.6767, -11.1121

Details

The Hex color **65CEDB** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **DB7265**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **A0FFFF**, and **1F97A4** is the 20% darker color. If you saturate the color by 10%, you get **4FCCDB**, and if you desaturate by 10%, it is **7BD0DB**.

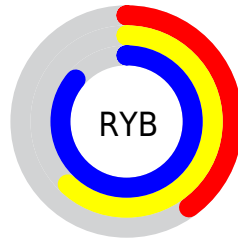
Distribution



Red (40%)

Green (81%)

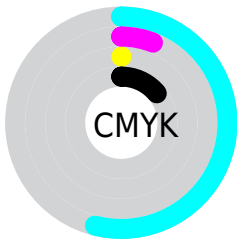
Blue (86%)



Red (40%)

Yellow (62%)

Blue (86%)

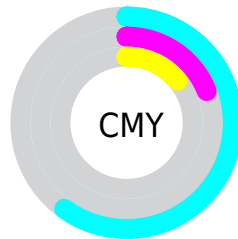


Cyan (54%)

Magenta (6%)

Yellow (0%)

Black (14%)



Cyan (60%)

Magenta (19%)

Yellow (14%)

Brightness & Saturation Gradients

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

 65CEDB

 65CEDB

FFFFFF

 46B2BF

 A0FFFF

 1F97A4

 BEFFFF

 007D8A

 DCFFFF

 006470

 FAFFFF

 004C58

 003441

 00212A

 000116

 000000

 65CEDB

 65CEDB

 4FCCDB

 7BD0DB

 39C9DB

 91D3DB

 23C7DB

 A7D5DB

 0DC4DB

 BDD8DB

 00C3DB

 D3DADB

 E8DCDB

 FEDFDB

 FFE1DB

 FFE4DB

Harmonies

Analogous

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



74CFBE



65CEDB



75C9F0

Triad

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



65CEDB



E4AEDC



D3BD85

Complementary

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



65CEDB



DB7265

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.



EBB38E



65CEDB



F6AAC0

Square

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



65CEDB



C4B7F0



F8ACA3



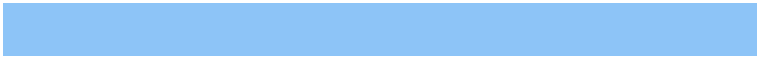
B4C68D

Rectangle

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



65CEDB



8DC4F7



F8ACA3



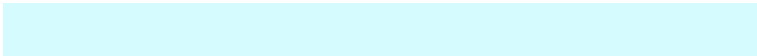
DCBA87

Sweetspot

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



65CEDB



D6FBFF



65DB71



677D80



000000



808080

Same Dimension

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



65CEDB



59EDFF



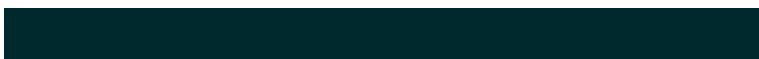
6594DB



636C6E



009AAD



00292E

Inverse Universe

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



DB65CE



FF59ED



DBAC65



6E636C



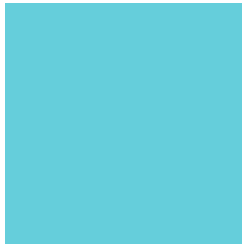
AD009A



2E0029

Previews

White Background



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

Color Contrast Check

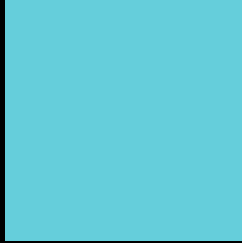
Large Text (above 18pt) WCAG AA × Fail

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 65CEDB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

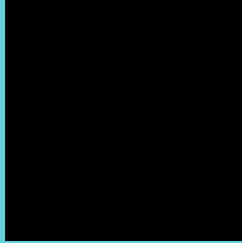
Any Text WCAG AA ✓ Pass

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 65CEDB Background



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

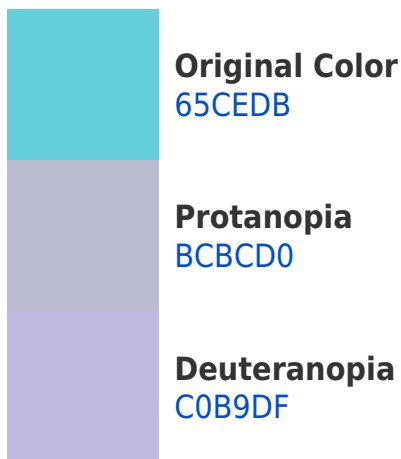


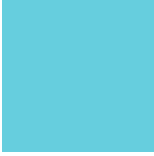
This preview shows how white text looks on a background with the Hex color 65CEDB.

Color Blindness Simulation

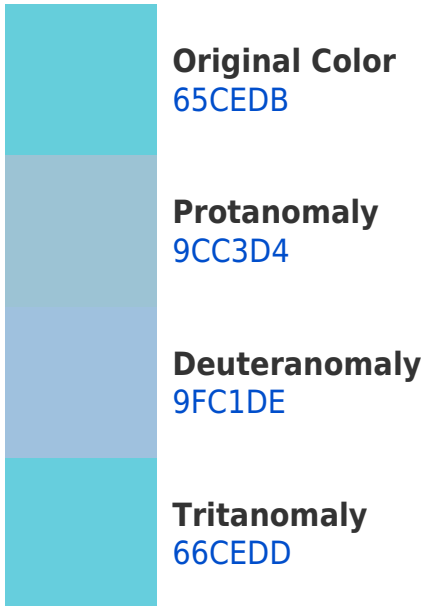
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #65CEDB colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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