

Converting Colors

Hex(65D7D0)

Have a look what the booklet for
Hex(65D7D0) contains.

Hex(65D7D0)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(65D7D0)

Conversions

Conversions Part 1

Format	Color
Hex	65D7D0
RGB	101, 215, 208
RGB Percent	40%, 84%, 82%
CMY	0.6039, 0.1569, 0.1843
CMYK	0.53, 0.00, 0.03, 0.16
HSL	176°, 59%, 62%
HSV	176°, 53%, 84%
XYZ	41.0524, 55.9216, 68.3048
YIQ	180.1160, -65.6970, -26.3450

Conversions

Conversions Part 2

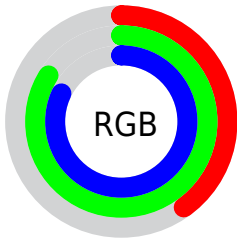
Format	Color
RYB	101, 160, 215
Decimal	6674384
CIELab	79.57, -33.98, -6.43
CIELCh	80, 34.588, 190.722
Yxy	55.9216, 0.2484, 0.3383
Android (android.graphics.Color)	4284864464 (0xFF65D7D0)
YUV	180.1160, 13.7468, -69.3847
Hunter-Lab	74.7808, -32.8751, -1.8090

Details

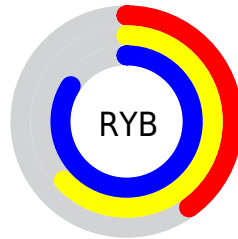
The Hex color **65D7D0** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **D7656C**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **A0FFFF**, and **1FA09A** is the 20% darker color. If you saturate the color by 10%, you get **4FD7CF**, and if you desaturate by 10%, it is **7AD7D1**.

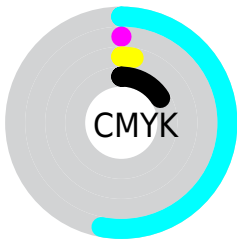
Distribution



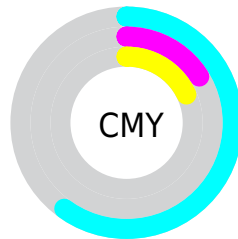
- Red (40%)
- Green (84%)
- Blue (82%)



- Red (40%)
- Yellow (63%)
- Blue (84%)



- Cyan (53%)
- Magenta (0%)
- Yellow (3%)
- Black (16%)



- Cyan (60%)
- Magenta (16%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 65D7D0 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 65D7D0 by changing the saturation by 10% instead.

 65D7D0

 65D7D0

FFFFFF

 46BBB4

 A0FFFF

 1FA09A

 BEFFFF

 008580

 DCFFFF

 006B67

 FAFFFF

 00534F

 003B38

 002623

 00010E

 000000

 65D7D0

 65D7D0

 4FD7CF

 7AD7D1

 3AD7CD

 90D7D3

 24D7CC

 A5D7D4

 0FD7CB

 BBD7D5

 00D7CA

 D1D7D7

 E6D7D8

 FCD7D9

 FFD7DB

 FFD7DC

Harmonies

Analogous

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



86D5AF



65D7D0



5DD5EE

Triad

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



65D7D0



D8B9F6



EEBC89

Complementary

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



65D7D0



D7656C

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.



FFB29D



65D7D0



F8B0DB

Square

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



65D7D0



ACC4FF



FFADBB



D0C785

Rectangle

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



65D7D0



6ED1FC



FFADBB



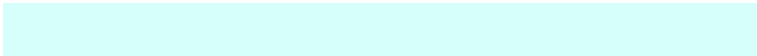
F6B88E

Sweetspot

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



65D7D0



D6FFFC



6DD765



67807E



000000



808080

Same Dimension

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



65D7D0



5CFFF5



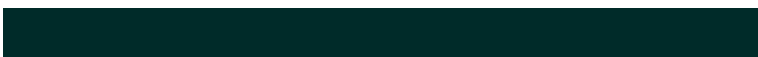
65A6D7



606B6A



00ABA0



002B29

Inverse Universe

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



D7656C



FF5C66



D79665



6B6061



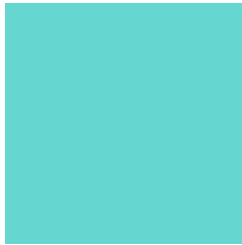
AB000A



2B0003

Previews

White Background



This preview shows how the Hex color 65D7D0 looks on a white background.

Color Contrast Check

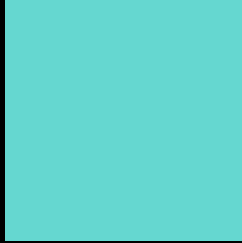
Large Text (above 18pt) WCAG AA × Fail

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 65D7D0 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

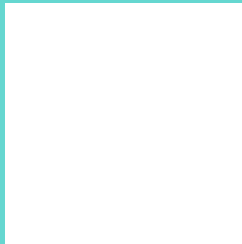
Any Text WCAG AAA ✓ Pass

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

Hex 65D7D0 Background



This preview shows how black text looks on a background with the Hex color 65D7D0.

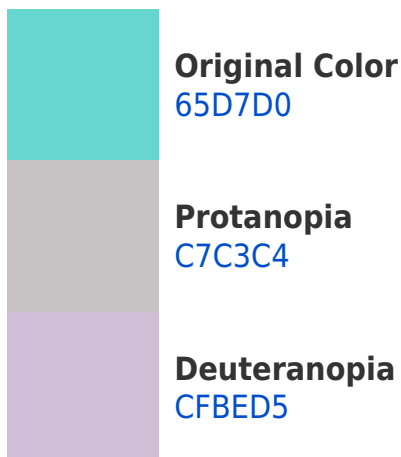


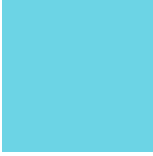
This preview shows how white text looks on a background with the Hex color 65D7D0.

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
6CD4E5

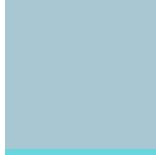
Trichromacy



Original Color
65D7D0



Protanomaly
A3CAC8



Deuteranomaly
A8C7D3

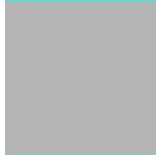


Tritanomaly
69D5DD

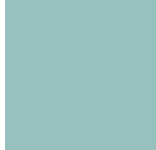
Monochromacy



Original Color
65D7D0



Achromatopsia
B4B4B4



Achromatomaly
97C1BE

CSS Examples

Text

The CSS property to change the color of the text to Hex 65D7D0 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 #65D7D0 looks like.

```
.text, #text, p{  
    color:#65D7D0  
}
```

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 #65D7D0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #65D7D0
}
```

Border

The CSS property to change the border of an element to Hex 65D7D0 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
#65D7D0 }
```

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

```
.border{ border-color:#65D7D0 }
```

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

Here you see how a box with a 4 pixel #65D7D0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #65D7D0; -webkit-box-shadow:4px 4px  
4px 4px #65D7D0; box-shadow:4px 4px 4px  
4px #65D7D0 }
```

Background

The CSS property to change the background color of an element to Hex 65D7D0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#65D7D0 }
```

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

```
.background{ background-color:#65D7D0 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor