

# Converting Colors

Hex(65D3CC)

Have a look what the booklet for  
Hex(65D3CC) contains.

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**Color**

**Hex(65D3CC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	65D3CC
RGB	101, 211, 204
RGB Percent	40%, 83%, 80%
CMY	0.6039, 0.1725, 0.2000
CMYK	0.52, 0.00, 0.03, 0.17
HSL	176°, 56%, 61%
HSV	176°, 52%, 83%
XYZ	39.5602, 53.7149, 65.4097
YIQ	177.3120, -63.3130, -25.4970

# Conversions

## Conversions Part 2

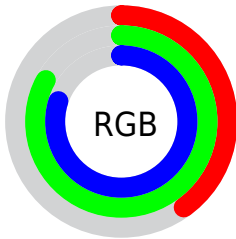
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">101, 158, 211</a>
Decimal	<a href="#">6673356</a>
CIELab	<a href="#">78.30, -33.13, -6.18</a>
CIElCh	<a href="#">78, 33.700, 190.562</a>
Yxy	<a href="#">53.7149, 0.2493, 0.3385</a>
Android (android.graphics.Color)	<a href="#">4284863436 (0xFF65D3CC)</a>
YUV	<a href="#">177.3120, 13.1572, -66.9256</a>
Hunter-Lab	<a href="#">73.2904, -31.9088, -1.6114</a>

# Details

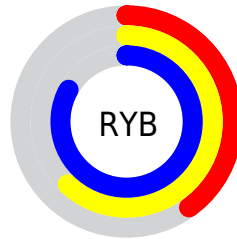
The Hex color **65D3CC** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **D3656C**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **A0FFFF**, and **219C96** is the 20% darker color. If you saturate the color by 10%, you get **50D3CB**, and if you desaturate by 10%, it is **7AD3CD**.

# Distribution



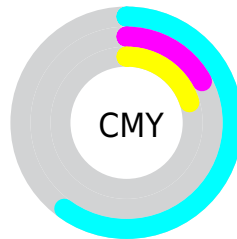
- Red (40%)
- Green (83%)
- Blue (80%)



- Red (40%)
- Yellow (62%)
- Blue (83%)



- Cyan (52%)
- Magenta (0%)
- Yellow (3%)
- Black (17%)



- Cyan (60%)
- Magenta (17%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 65D3CC 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 65D3CC by changing the saturation by 10% instead.



 65D3CC

 65D3CC

FFFFFF

 46B7B1

 A0FFFF

 219C96

 BDFFFF

 00827C

 DBFFFF

 006863

 F9FFFF

 004F4B

 003835

 002420

 000008

 000000

 65D3CC

 65D3CC

 50D3CB

 7AD3CD

 3BD3C9

 8FD3CF

 26D3C8

 A4D3D0

 11D3C7

 B9D3D1

 00D3C6

 CFD3D3

 E4D3D4

 F9D3D5

 FFD3D7

 FFD3D8

# Harmonies

## Analogous

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



85D1AC



65D3CC



5DD1E9

# Triad

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



65D3CC



D4B6F1



E9B987

# Complementary

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



65D3CC



D3656C

# 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.



FCAF9A



65D3CC



F2ADD7

# Square

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



65D3CC



A9C1FF



FFAAB8



CDC384

# Rectangle

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



65D3CC



6ECD7



FFAAB8



F1B58C

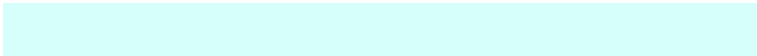


# Sweetspot

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



65D3CC



D6FFFC



6CD365



67807E



000000



808080



# Same Dimension

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



65D3CC



5EFFF5



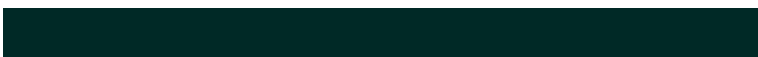
65A3D3



5E6968



00A89E



002926



# Inverse Universe

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



D3656C



FF5E69



D39565



695E5F



A8000B

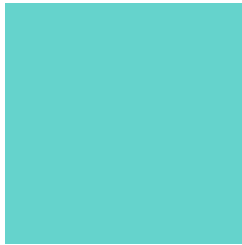


290003



# Previews

## White Background



This preview shows how the Hex color 65D3CC looks on a white background.

## Color Contrast Check

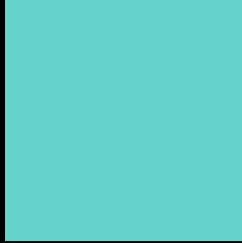
Large Text (above 18pt) WCAG AA × Fail

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 65D3CC looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

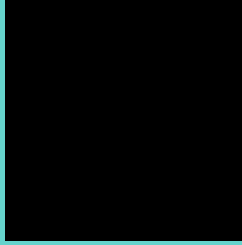
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

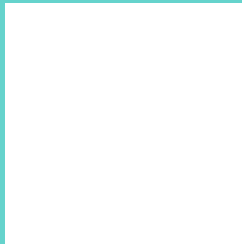
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 65D3CC Background



This preview shows how black text looks on a background with the Hex color 65D3CC.

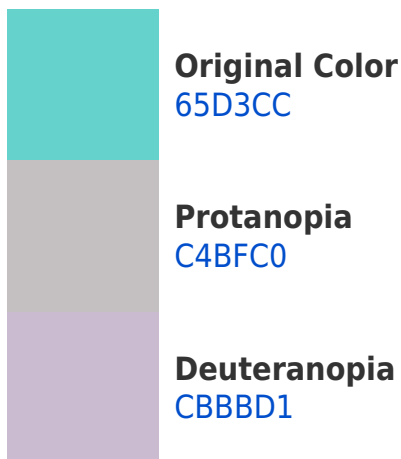


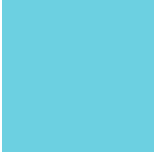
This preview shows how white text looks on a background with the Hex color 65D3CC.

# 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**  
6CD0E1

# Trichromacy



**Original Color**  
65D3CC



**Protanomaly**  
A1C6C4



**Deuteranomaly**  
A6C4CF

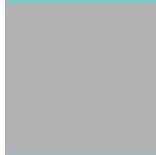


**Tritanomaly**  
69D1D9

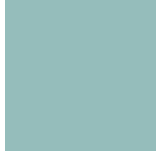
# Monochromacy



**Original Color**  
65D3CC



**Achromatopsia**  
B1B1B1



**Achromatomaly**  
95BDBB

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 65D3CC 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 #65D3CC looks like.

```
.text, #text, p{  
    color:#65D3CC  
}
```

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 #65D3CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #65D3CC
}
```

## Border

The CSS property to change the border of an element to Hex 65D3CC 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
#65D3CC }
```

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

```
.border{ border-color:#65D3CC }
```

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

Here you see how a box with a 4 pixel #65D3CC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #65D3CC; -webkit-box-shadow:4px 4px  
4px 4px #65D3CC; box-shadow:4px 4px 4px  
4px #65D3CC }
```

# Background

The CSS property to change the background color of an element to Hex 65D3CC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#65D3CC }
```

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

```
.background{ background-color:#65D3CC }
```

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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