

# Converting Colors

Hex(63D3CD)

Have a look what the booklet for  
Hex(63D3CD) contains.

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**Color**

**Hex(63D3CD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	63D3CD
RGB	99, 211, 205
RGB Percent	39%, 83%, 80%
CMY	0.6118, 0.1725, 0.1961
CMYK	0.53, 0.00, 0.03, 0.17
HSL	177°, 56%, 61%
HSV	177°, 53%, 83%
XYZ	39.4593, 53.6490, 66.0332
YIQ	176.8280, -64.8260, -25.6100

# Conversions

## Conversions Part 2

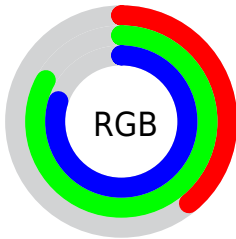
<b>Format</b>	<b>Color</b>
<b>RYB</b>	99, 157, 211
Decimal	6542285
CIELab	78.26, -33.28, -6.78
CIELCh	78, 33.963, 191.512
Yxy	53.6490, 0.2480, 0.3371
Android (android.graphics.Color)	4284732365 (0xFF63D3CD)
YUV	176.8280, 13.8888, -68.2552
Hunter-Lab	73.2454, -32.0168, -2.1801

# Details

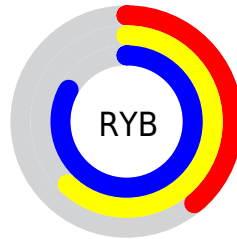
The Hex color **63D3CD** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **D36369**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **9EFFFF**, and **1C9C97** is the 20% darker color. If you saturate the color by 10%, you get **4ED3CC**, and if you desaturate by 10%, it is **78D3CE**.

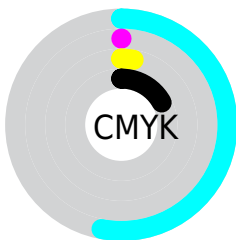
# Distribution



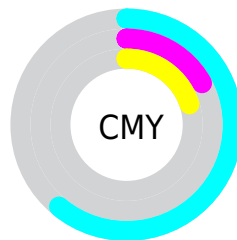
- Red (39%)
- Green (83%)
- Blue (80%)



- Red (39%)
- Yellow (62%)
- Blue (83%)



- Cyan (53%)
- Magenta (0%)
- Yellow (3%)
- Black (17%)



- Cyan (61%)
- Magenta (17%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 63D3CD 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 63D3CD by changing the saturation by 10% instead.



 63D3CD

 63D3CD

FFFFFF

 44B7B2

 9EFFFF

 1C9C97

 BCFFFF

 00827D

 D9FFFF

 006864

 F7FFFF

 004F4C

 003836

 002420

 000009

 000000

 63D3CD

 63D3CD

 4ED3CC

 78D3CE

 39D3CB

 8DD3CF

 24D3CA

 A2D3D0

 0FD3C8

 B7D3D2

 00D3C8

 CDD3D3

 E2D3D4

 F7D3D5

 FFD3D6

 FFD3D7

# Harmonies

## Analogous

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



83D1AD



63D3CD



5CD1EA

# Triad

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



63D3CD



D5B5F1



E9B986

# Complementary

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



63D3CD



D36369

# 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.



FCAF99



63D3CD



F3ACD6

# Square

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



63D3CD



AAC0FF



FFAAB6



CBC383

# Rectangle

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



63D3CD



6ECD8



FFAAB6



F0B58B

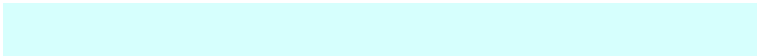


# Sweetspot

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



63D3CD



D6FFFD



6AD363



67807E



000000



808080



# Same Dimension

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



63D3CD



5CFFF6



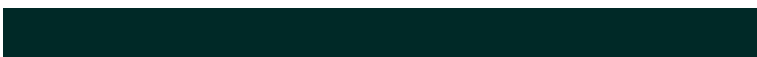
63A2D3



5E6968



00A89F



002927



# Inverse Universe

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



D36369



FF5C65



D39463



695E5F



A80009

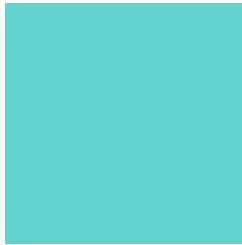


290002



# Previews

## White Background



This preview shows how the Hex color 63D3CD looks on a white background.

## Color Contrast Check

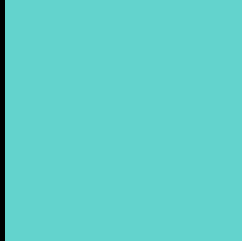
Large Text (above 18pt) WCAG AA × Fail

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 63D3CD looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

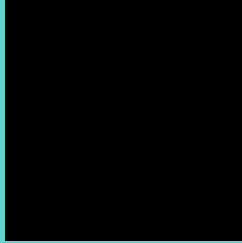
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

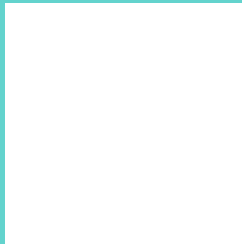
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 63D3CD Background



This preview shows how black text looks on a background with the Hex color 63D3CD.

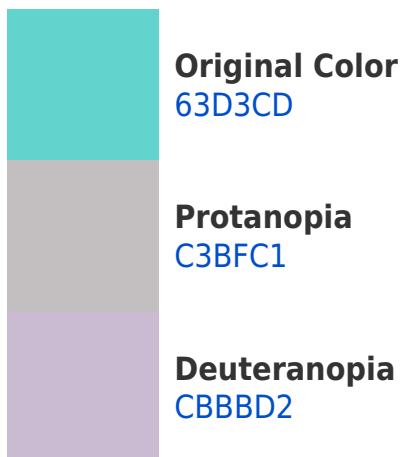


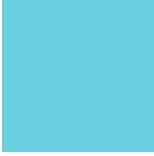
This preview shows how white text looks on a background with the Hex color 63D3CD.

# 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](#).

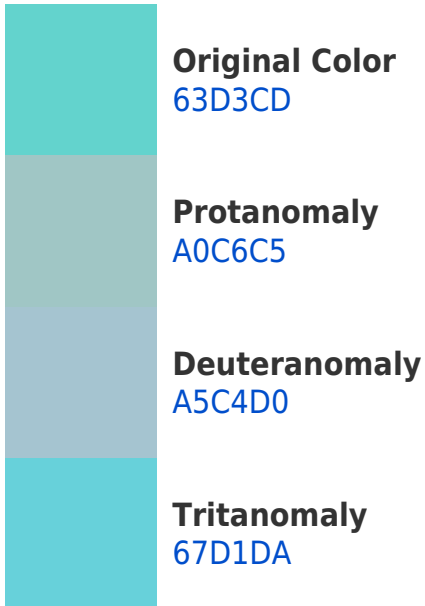
## Dichromacy



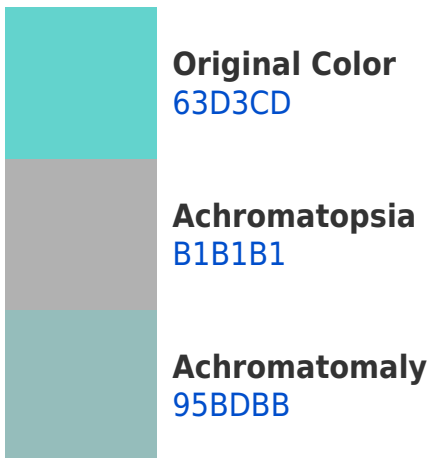


**Tritanopia**  
6AD0E1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 63D3CD 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 #63D3CD looks like.

```
.text, #text, p{  
    color:#63D3CD  
}
```

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 #63D3CD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63D3CD
}
```

## Border

The CSS property to change the border of an element to Hex 63D3CD 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
#63D3CD }
```

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

```
.border{ border-color:#63D3CD }
```

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

Here you see how a box with a 4 pixel #63D3CD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63D3CD; -webkit-box-shadow:4px 4px  
4px 4px #63D3CD; box-shadow:4px 4px 4px  
4px #63D3CD }
```

# Background

The CSS property to change the background color of an element to Hex 63D3CD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63D3CD }
```

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

```
.background{ background-color:#63D3CD }
```

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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