

# Converting Colors

Hex(66D8DD)

Have a look what the booklet for  
Hex(66D8DD) contains.

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**Color**

**Hex(66D8DD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	66D8DD
RGB	102, 216, 221
RGB Percent	40%, 85%, 87%
CMY	0.6000, 0.1529, 0.1333
CMYK	0.54, 0.02, 0.00, 0.13
HSL	183°, 64%, 63%
HSV	183°, 54%, 87%
XYZ	43.0865, 57.1570, 77.1681
YIQ	182.4840, -69.5490, -22.6130

# Conversions

## Conversions Part 2

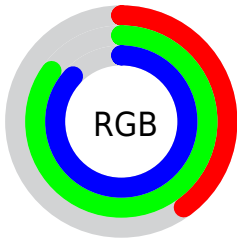
Format	Color
<a href="#">RYB</a>	<a href="#">102, 160, 221</a>
Decimal	<a href="#">6740189</a>
CIELab	<a href="#">80.27, -30.85, -12.34</a>
CIElCh	<a href="#">80, 33.228, 201.794</a>
Yxy	<a href="#">57.1570, 0.2429, 0.3222</a>
Android (android.graphics.Color)	<a href="#">4284930269 (0xFF66D8DD)</a>
YUV	<a href="#">182.4840, 18.9884, -70.5845</a>
Hunter-Lab	<a href="#">75.6022, -30.5749, -7.5965</a>

# Details

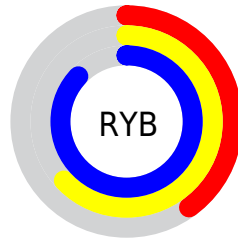
The Hex color **66D8DD** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **DD6B66**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **A2FFFF**, and **1DA1A6** is the 20% darker color. If you saturate the color by 10%, you get **50D7DD**, and if you desaturate by 10%, it is **7CD9DD**.

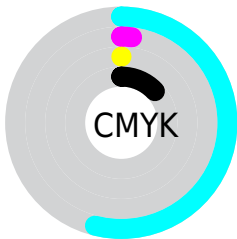
# Distribution



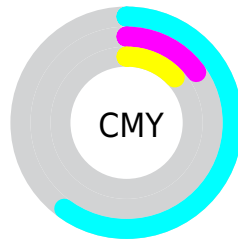
- Red (40%)
- Green (85%)
- Blue (87%)



- Red (40%)
- Yellow (63%)
- Blue (87%)



- Cyan (54%)
- Magenta (2%)
- Yellow (0%)
- Black (13%)



- Cyan (60%)
- Magenta (15%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 66D8DD 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 66D8DD by changing the saturation by 10% instead.



 66D8DD

 66D8DD

FFFFFF

 46BCC1

 A2FFFF

 1DA1A6

 C0FFFF

 00868C

 DEFFFF

 006D72

 FCFFFF

 00545A

 003C42

 00262C

 000318

 000000

 66D8DD

 66D8DD

 50D7DD

 7CD9DD

 3AD6DD

 92DADD

 24D5DD

 A8DBDD

 0ED4DD

 BEDCDD

 00D4DD

 D5DDDD

 EBDEDD

 FFDFFD

 FFE0DD

# Harmonies

## Analogous

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



7FD8BD



66D8DD



6DD4F7

# Triad

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



66D8DD



E6B8EE



E5C28A

# Complementary

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



66D8DD



DD6B66

# 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.



FCB898



66D8DD



FFB1D1

# Square

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



66D8DD



C0C2FF



FFB1B2



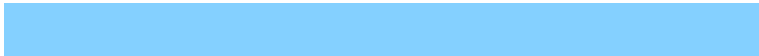
C6CC8D

# Rectangle

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



66D8DD



84D0FF



FFB1B2



EEBF8D



# Sweetspot

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



66D8DD



D6FDFD



66DD6A



677E80



000000



808080



# Same Dimension

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



66D8DD



59F8FF



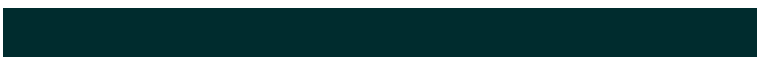
669EDD



636D6E



00A6AD



002C2E



# Inverse Universe

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



DD66D8



FF59F8



DDA566



6E636D



AD00A6

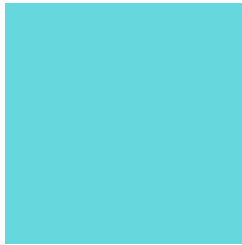


2E002C



# Previews

## White Background



This preview shows how the Hex color 66D8DD looks on a white background.

## Color Contrast Check

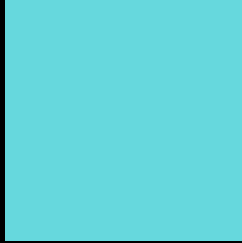
Large Text (above 18pt) WCAG AA × Fail

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 66D8DD looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

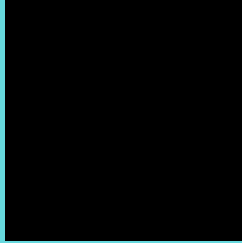
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 66D8DD Background



This preview shows how black text looks on a background with the Hex color 66D8DD.

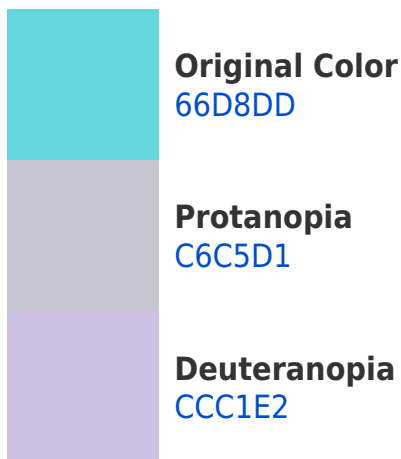


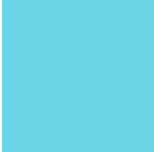
This preview shows how white text looks on a background with the Hex color 66D8DD.

# 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](#).

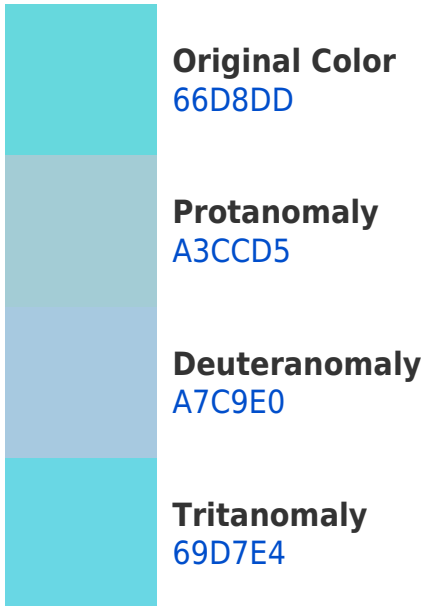
## Dichromacy





**Tritanopia**  
6AD6E8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 66D8DD 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 #66D8DD looks like.

```
.text, #text, p{  
    color:#66D8DD  
}
```

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 #66D8DD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66D8DD
}
```

## Border

The CSS property to change the border of an element to Hex 66D8DD 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
#66D8DD }
```

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

```
.border{ border-color:#66D8DD }
```

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

Here you see how a box with a 4 pixel #66D8DD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66D8DD; -webkit-box-shadow:4px 4px  
4px 4px #66D8DD; box-shadow:4px 4px 4px  
4px #66D8DD }
```

# Background

The CSS property to change the background color of an element to Hex 66D8DD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66D8DD }
```

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

```
.background{ background-color:#66D8DD }
```

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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