

# Converting Colors

Hex(66D7DD)

Have a look what the booklet for  
Hex(66D7DD) contains.

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**Color**

**Hex(66D7DD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	66D7DD
RGB	102, 215, 221
RGB Percent	40%, 84%, 87%
CMY	0.6000, 0.1569, 0.1333
CMYK	0.54, 0.03, 0.00, 0.13
HSL	183°, 64%, 63%
HSV	183°, 54%, 87%
XYZ	42.8311, 56.6461, 77.0830
YIQ	181.8970, -69.2740, -22.0900

# Conversions

## Conversions Part 2

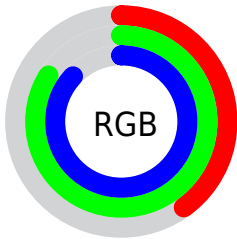
Format	Color
R <sub>Y</sub> B	102, 160, 221
Decimal	6739933
CIE Lab	79.98, -30.37, -12.77
CIE LCh	80, 32.948, 202.798
Yxy	56.6461, 0.2426, 0.3208
Android (android.graphics.Color)	4284930013 (0xFF66D7DD)
YUV	181.8970, 19.2778, -70.0697
Hunter-Lab	75.2636, -30.1304, -8.0387

# Details

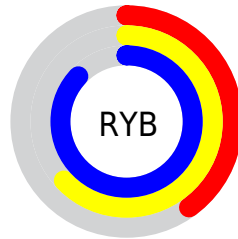
The Hex color **66D7DD** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **DD6C66**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **A2FFFF**, and **1EA0A6** is the 20% darker color. If you saturate the color by 10%, you get **50D6DD**, and if you desaturate by 10%, it is **7CD8DD**.

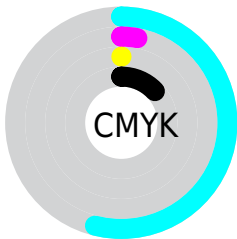
# Distribution



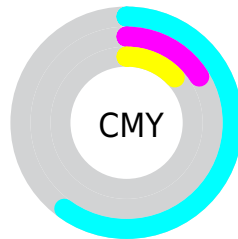
- Red (40%)
- Green (84%)
- Blue (87%)



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



- Cyan (54%)
- Magenta (3%)
- Yellow (0%)
- Black (13%)



- Cyan (60%)
- Magenta (16%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 66D7DD 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 66D7DD by changing the saturation by 10% instead.



 66D7DD

 66D7DD

FFFFFF

 46BBC1

 A2FFFF

 1EA0A6

 C0FFFF

 00858C

 DEFFFF

 006C72

 FCFFFF

 00535A

 003B42

 00262C

 000118

 000000

66D7DD

66D7DD

50D6DD

7CD8DD

3AD5DD

92D9DD

24D4DD

A8DADD

0ED3DD

BEDBDD

00D2DD

D5DDDD

EBDEDD

FFDFDD

FFE0DD

FFE1DD

# Harmonies

## Analogous

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



7ED7BE



66D7DD



6ED3F6

# Triad

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



66D7DD



E6B7EC



E3C28A

# Complementary

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



66D7DD



DD6C66

# 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.



FAB897



66D7DD



FEBOCF

# Square

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



66D7DD



C1C1FF



FFB1B0



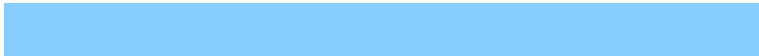
C4CC8D

# Rectangle

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



66D7DD



85CEFF



FFB1B0



ECBE8C



# Sweetspot

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



66D7DD



D6FDFD



66DD6C



677E80



000000



808080



# Same Dimension

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



66D7DD



59F7FF



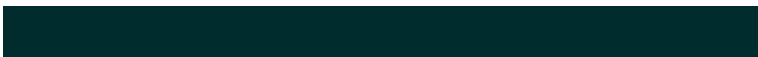
669CDD



636D6E



00A5AD



002C2E



# Inverse Universe

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



DD66D7



FF59F7



DDA766



6E636D



AD00A5

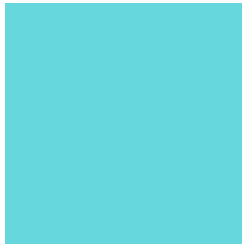


2E002C



# Previews

## White Background



This preview shows how the Hex color 66D7DD looks on a white background.

## Color Contrast Check

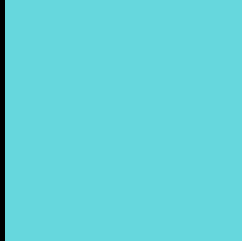
Large Text (above 18pt) WCAG AA × Fail

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 66D7DD looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

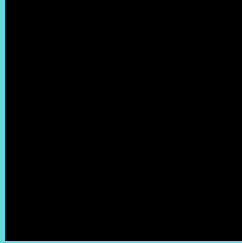
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 66D7DD Background



This preview shows how black text looks on a background with the Hex color 66D7DD.

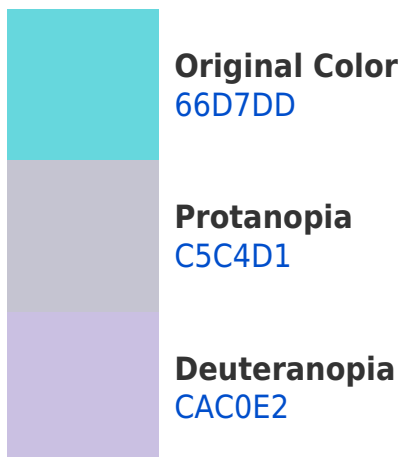


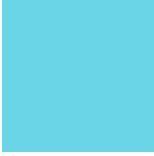
This preview shows how white text looks on a background with the Hex color 66D7DD.

# 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](#).

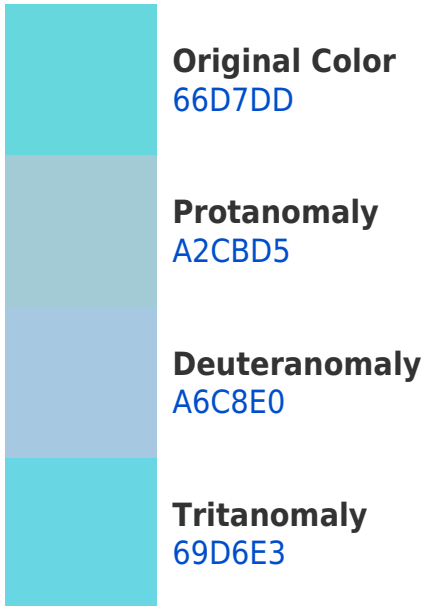
## Dichromacy



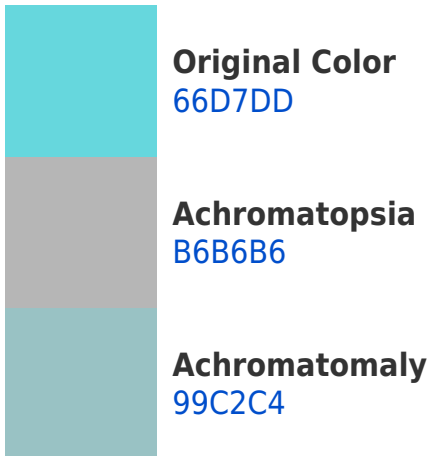


**Tritanopia**  
6AD5E7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 66D7DD 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 #66D7DD looks like.

```
.text, #text, p{  
    color:#66D7DD  
}
```

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 #66D7DD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66D7DD
}
```

## Border

The CSS property to change the border of an element to Hex 66D7DD 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
#66D7DD }
```

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

```
.border{ border-color:#66D7DD }
```

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

Here you see how a box with a 4 pixel #66D7DD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66D7DD; -webkit-box-shadow:4px 4px  
4px 4px #66D7DD; box-shadow:4px 4px 4px  
4px #66D7DD }
```

# Background

The CSS property to change the background color of an element to Hex 66D7DD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66D7DD }
```

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

```
.background{ background-color:#66D7DD }
```

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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