

# Converting Colors

Hex(6DD1DA)

Have a look what the booklet for  
Hex(6DD1DA) contains.

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# **Color**

**Hex(6DD1DA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6DD1DA
RGB	109, 209, 218
RGB Percent	43%, 82%, 85%
CMY	0.5725, 0.1804, 0.1451
CMYK	0.50, 0.04, 0.00, 0.15
HSL	185°, 60%, 64%
HSV	185°, 50%, 85%
XYZ	41.7620, 53.9141, 74.5350
YIQ	180.1260, -62.4890, -18.4010

# Conversions

## Conversions Part 2

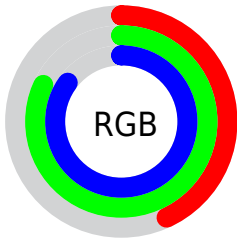
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">109, 161, 218</a>
Decimal	<a href="#">7197146</a>
CIELab	<a href="#">78.41, -26.83, -13.49</a>
CIELCh	<a href="#">78, 30.028, 206.686</a>
Yxy	<a href="#">53.9141, 0.2454, 0.3167</a>
Android (android.graphics.Color)	<a href="#">4285387226 (0xFF6DD1DA)</a>
YUV	<a href="#">180.1260, 18.6719, -62.3775</a>
Hunter-Lab	<a href="#">73.4262, -26.9719, -8.7870</a>

# Details

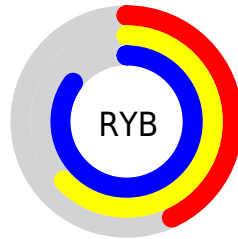
The Hex color **6DD1DA** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **DA766D**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **A7FFFF**, and **2D9AA3** is the 20% darker color. If you saturate the color by 10%, you get **57CFDA**, and if you desaturate by 10%, it is **83D3DA**.

# Distribution



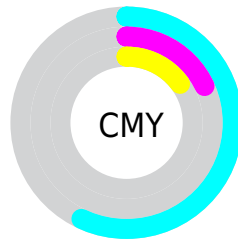
- Red (43%)
- Green (82%)
- Blue (85%)



- Red (43%)
- Yellow (63%)
- Blue (85%)



- Cyan (50%)
- Magenta (4%)
- Yellow (0%)
- Black (15%)



- Cyan (57%)
- Magenta (18%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6DD1DA 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 6DD1DA by changing the saturation by 10% instead.



 6DD1DA

 6DD1DA

FFFFFF

 4FB5BE

 A7FFFF

 2D9AA3

 C5FFFF

 008089


 E2FFFF

 00676F

 004E57

 003740

 00222A

 000116

 000000

 6DD1DA

 6DD1DA

 57CFDA

 83D3DA

 41CDDA

 99D5DA

 2CCCCA

 AED6DA

 16CADA

 C4D8DA

 00C8DA

 DADADA

 F0DCDA

 FFDEDA

 FFDFDA

 FFE1DA

# Harmonies

## Analogous

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



7ED1BE



6DD1DA



78CDF0

# Triad

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



6DD1DA



E3B3E1



D9BF8A

# Complementary

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



6DD1DA



DA766D

# 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.



EFB694



6DD1DA



F6AEC6

# Square

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



6DD1DA



C2BCF4



FAAFAA



BCC890

# Rectangle

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



6DD1DA



8DC8F8



FAAFAA



E1BC8C

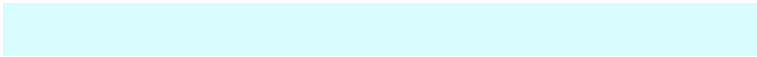


# Sweetspot

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



6DD1DA



D9FCFF



6DDA74



697E80



000000



808080



# Same Dimension

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



6DD1DA



66F2FF



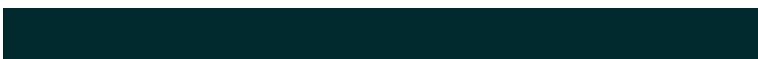
6D9CDA



636D6E



009FAD



002A2E



# Inverse Universe

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



DA6DD1



FF66F2



DAAB6D



6E636D



AD009F

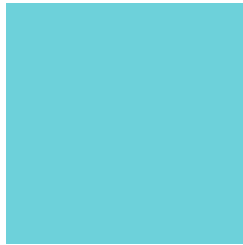


2E002A



# Previews

## White Background



This preview shows how the Hex color 6DD1DA looks on a white background.

## Color Contrast Check

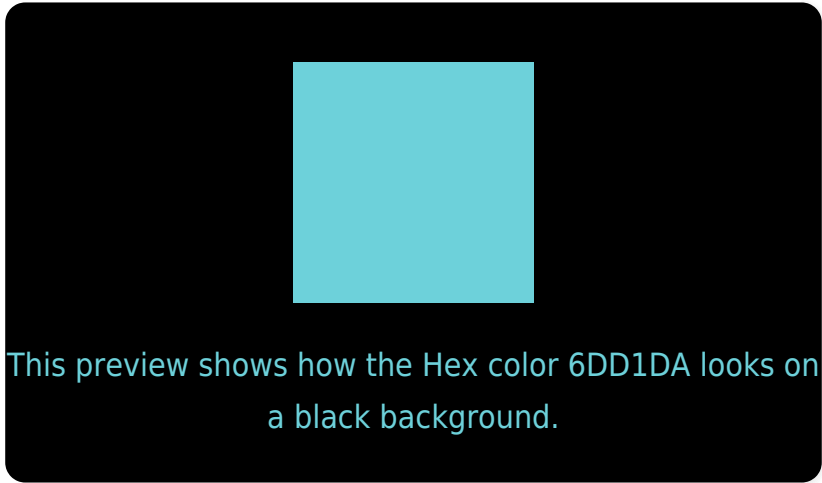
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

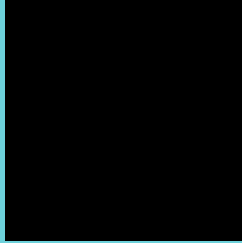
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 6DD1DA Background



This preview shows how black text looks on a background with the Hex color 6DD1DA.

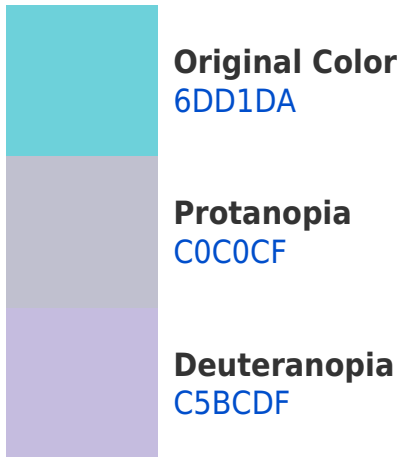


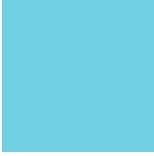
This preview shows how white text looks on a background with the Hex color 6DD1DA.

# 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](#).

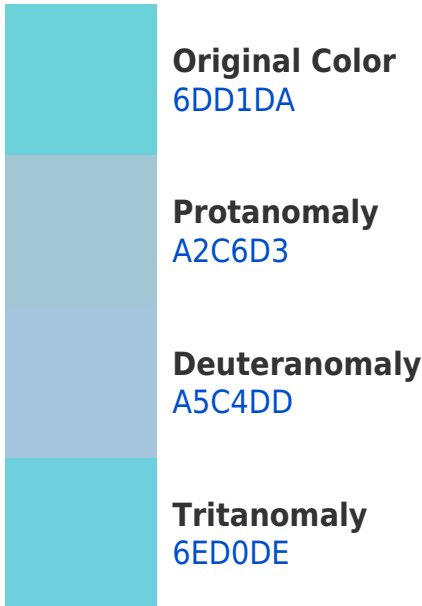
## Dichromacy





**Tritanopia**  
6FDOE1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6DD1DA 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 #6DD1DA looks like.

```
.text, #text, p{  
    color:#6DD1DA  
}
```

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 #6DD1DA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6DD1DA
}
```

## Border

The CSS property to change the border of an element to Hex 6DD1DA 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
#6DD1DA }
```

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

```
.border{ border-color:#6DD1DA }
```

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

Here you see how a box with a 4 pixel #6DD1DA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6DD1DA; -webkit-box-shadow:4px 4px  
4px 4px #6DD1DA; box-shadow:4px 4px 4px  
4px #6DD1DA }
```

# Background

The CSS property to change the background color of an element to Hex 6DD1DA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6DD1DA }
```

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

```
.background{ background-color:#6DD1DA }
```

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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