

# Converting Colors

Hex(6CD5DE)

Have a look what the booklet for  
Hex(6CD5DE) contains.

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# **Color**

**Hex(6CD5DE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6CD5DE
RGB	108, 213, 222
RGB Percent	42%, 84%, 87%
CMY	0.5765, 0.1647, 0.1294
CMYK	0.51, 0.04, 0.00, 0.13
HSL	185°, 63%, 65%
HSV	185°, 51%, 87%
XYZ	43.1634, 56.0506, 77.6511
YIQ	182.6310, -65.4690, -19.4610

# Conversions

## Conversions Part 2

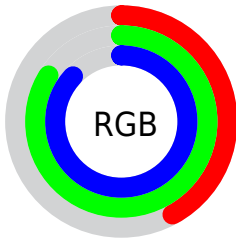
Format	Color
R <sub>YB</sub>	108, 163, 222
Decimal	7132638
CIE Lab	79.64, -27.93, -13.79
CIE LCh	80, 31.147, 206.270
Yxy	56.0506, 0.2440, 0.3169
Android (android.graphics.Color)	4285322718 (0xFF6CD5DE)
YUV	182.6310, 19.4089, -65.4514
Hunter-Lab	74.8669, -28.1056, -9.0881

# Details

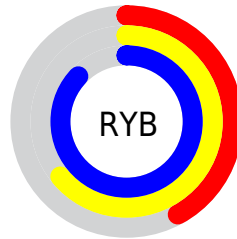
The Hex color **6CD5DE** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **DE756C**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **A7FFFF**, and **2A9EA7** is the 20% darker color. If you saturate the color by 10%, you get **56D3DE**, and if you desaturate by 10%, it is **82D7DE**.

# Distribution



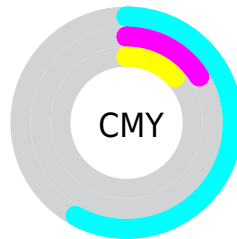
- Red (42%)
- Green (84%)
- Blue (87%)



- Red (42%)
- Yellow (64%)
- Blue (87%)



- Cyan (51%)
- Magenta (4%)
- Yellow (0%)
- Black (13%)



- Cyan (58%)
- Magenta (16%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6CD5DE 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 6CD5DE by changing the saturation by 10% instead.



 6CD5DE

 6CD5DE

FFFFFF

 4DB9C2

 A7FFFF

 2A9EA7

 C5FFFF

 00848D

 E2FFFF

 006A73

 00515A

 003A43

 00252D

 000119

 000000

 6CD5DE

 6CD5DE

 56D3DE

 82D7DE

 40D1DE

 98D9DE

 29D0DE

 AFD4DE

 13CEDE

 C5DCDE

 00CCDE

 DBDEDE

 F1E0DE

 FFE1DE

 FFE3DE

 FFE5DE

# Harmonies

## Analogous

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



7ED5C1



6CD5DE



77D1F5

# Triad

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



6CD5DE



E7B6E6



DEC28C

# Complementary

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



6CD5DE



DE756C

# 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.



F5B996



6CD5DE



FCB0CA

# Square

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



6CD5DE



C5BFF9



FFB2AD



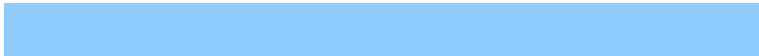
BFCB91

# Rectangle

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



6CD5DE



8ECCFD



FFB2AD



E6BF8D

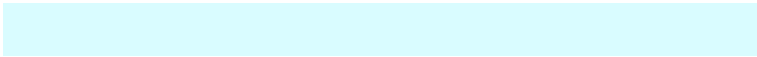


# Sweetspot

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



6CD5DE



D9FCFF



6CDE74



697E80



000000



808080

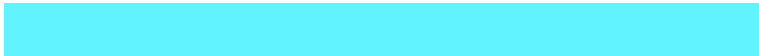


# Same Dimension

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



6CD5DE



61F3FF



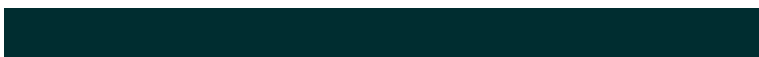
6C9DDE



656F70



00A2B0



002D30



# Inverse Universe

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



DE6CD5



FF61F3



DEAD6C



70656F



B000A2

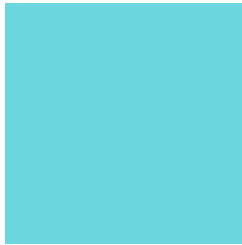


30002D



# Previews

## White Background



This preview shows how the Hex color 6CD5DE looks on a white background.

## Color Contrast Check

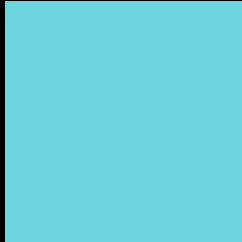
Large Text (above 18pt) WCAG AA × Fail

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 6CD5DE 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 6CD5DE Background



This preview shows how black text looks on a background with the Hex color 6CD5DE.

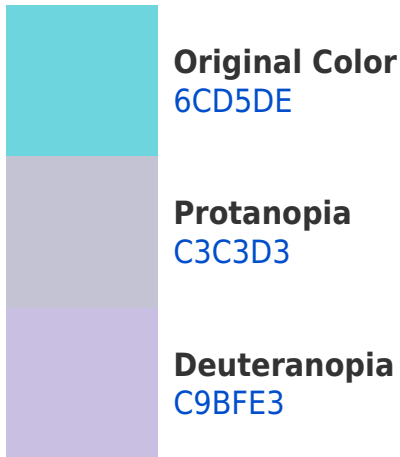


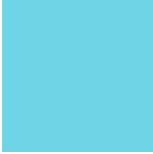
This preview shows how white text looks on a background with the Hex color 6CD5DE.

# 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](#).

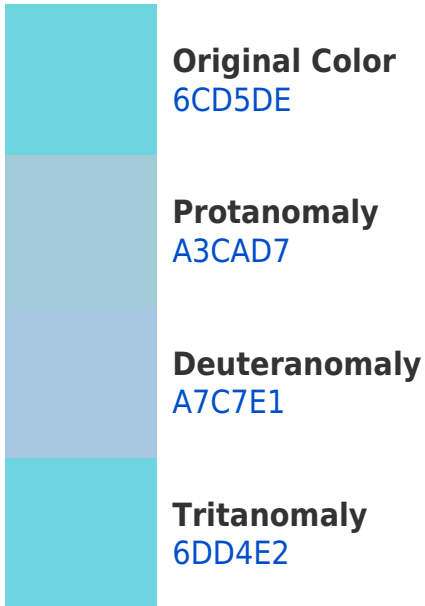
## Dichromacy



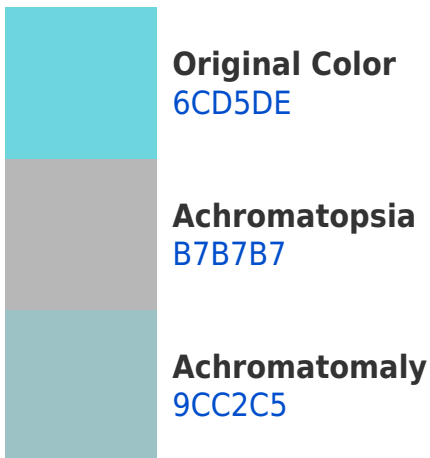


**Tritanopia**  
6ED4E5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6CD5DE 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 #6CD5DE looks like.

```
.text, #text, p{  
    color:#6CD5DE  
}
```

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 #6CD5DE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6CD5DE
}
```

## Border

The CSS property to change the border of an element to Hex 6CD5DE 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
#6CD5DE }
```

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

```
.border{ border-color:#6CD5DE }
```

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

Here you see how a box with a 4 pixel #6CD5DE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6CD5DE; -webkit-box-shadow:4px 4px  
4px 4px #6CD5DE; box-shadow:4px 4px 4px  
4px #6CD5DE }
```

# Background

The CSS property to change the background color of an element to Hex 6CD5DE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6CD5DE }
```

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

```
.background{ background-color:#6CD5DE }
```

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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