

# Converting Colors

Hex(79D5D0)

Have a look what the booklet for  
Hex(79D5D0) contains.

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**Color**

**Hex(79D5D0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	79D5D0
RGB	121, 213, 208
RGB Percent	47%, 84%, 82%
CMY	0.5255, 0.1647, 0.1843
CMYK	0.43, 0.00, 0.02, 0.16
HSL	177°, 52%, 65%
HSV	177°, 43%, 84%
XYZ	43.0646, 56.2075, 68.2539
YIQ	184.9220, -53.2270, -21.0590

# Conversions

## Conversions Part 2

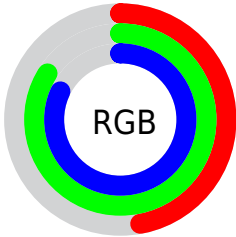
Format	Color
<a href="#">RYB</a>	<a href="#">121, 168, 213</a>
Decimal	<a href="#">7984592</a>
CIELab	<a href="#">79.73, -28.61, -6.11</a>
CIELCh	<a href="#">80, 29.254, 192.059</a>
Yxy	<a href="#">56.2075, 0.2571, 0.3355</a>
Android (android.graphics.Color)	<a href="#">4286174672 (0xFF79D5D0)</a>
YUV	<a href="#">184.9220, 11.3775, -56.0596</a>
Hunter-Lab	<a href="#">74.9717, -28.6680, -1.4972</a>

# Details

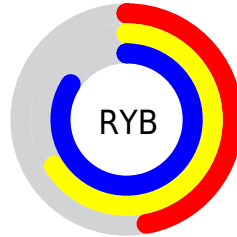
The Hex color **79D5D0** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **D5797E**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **B2FFFF**, and **3F9E9A** is the 20% darker color. If you saturate the color by 10%, you get **64D5CF**, and if you desaturate by 10%, it is **8ED5D1**.

# Distribution



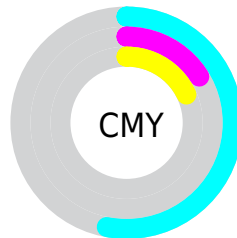
- Red (47%)
- Green (84%)
- Blue (82%)



- Red (47%)
- Yellow (66%)
- Blue (84%)



- Cyan (43%)
- Magenta (0%)
- Yellow (2%)
- Black (16%)



- Cyan (53%)
- Magenta (16%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 79D5D0 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 79D5D0 by changing the saturation by 10% instead.



 79D5D0

 79D5D0

FFFFFF

 5DB9B4

 B2FFFF

 3F9E9A

 CFFFFFF

 1C8480

 EDFFFF

 006A67

 00514F

 003A38

 002423

 00010D

 000000

 79D5D0

 79D5D0

 64D5CF

 8ED5D1

 4ED5CE

 A4D5D2

 39D5CD

 B9D5D3

 24D5CB

 CED5D5

 0ED5CA

 E4D5D6

 00D5C9

 F9D5D7

 FFD5D8

 FFD5D9

 FFD5DA

# Harmonies

## Analogous

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



91D4B4



79D5D0



76D3E9

# Triad

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



79D5D0



D8BBEE



E8BE92

# Complementary

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



79D5D0



D5797E

# 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.



F9B6A2



79D5D0



F2B4D7

# Square

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



79D5D0



B3C4FB



FDB2BB



CEC790

# Rectangle

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



79D5D0



83CFF5



FDB2BB



EFBB96



# Sweetspot

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



79D5D0



DEFFFD



7FD579



6B807E



000000



808080



# Same Dimension

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



79D5D0



7AFFF8



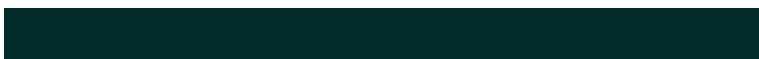
79ADD5



606B6B



00ABA2



002B29



# Inverse Universe

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



D5797E



FF7A82



D5A179



6B6061



AB0009

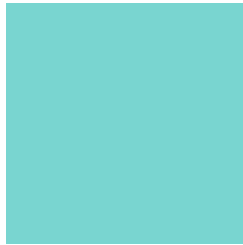


2B0002



# Previews

## White Background



This preview shows how the Hex color 79D5D0 looks on a white background.

## Color Contrast Check

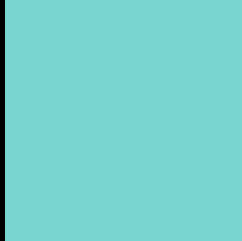
Large Text (above 18pt) WCAG AA × Fail

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 79D5D0 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

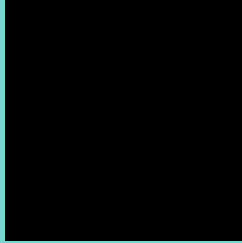
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

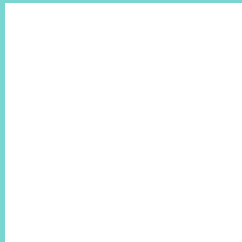
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 79D5D0 Background



This preview shows how black text looks on a background with the Hex color 79D5D0.

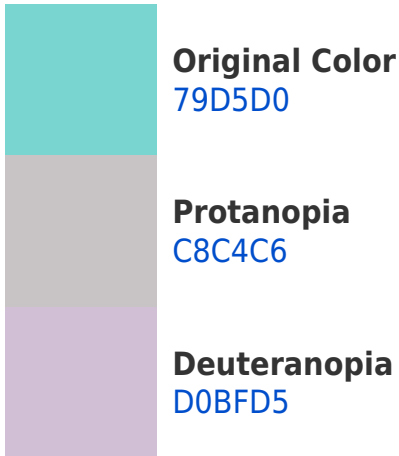


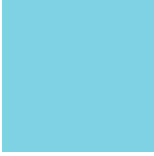
This preview shows how white text looks on a background with the Hex color 79D5D0.

# 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**  
7FD2E3

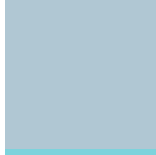
# Trichromacy



**Original Color**  
79D5D0



**Protanomaly**  
ABCACA



**Deuteranomaly**  
B0C7D3

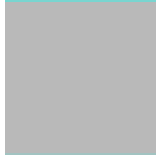


**Tritanomaly**  
7DD3DC

# Monochromacy



**Original Color**  
79D5D0



**Achromatopsia**  
B9B9B9



**Achromatomaly**  
A2C3C1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 79D5D0 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 #79D5D0 looks like.

```
.text, #text, p{  
    color:#79D5D0  
}
```

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 #79D5D0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #79D5D0
}
```

## Border

The CSS property to change the border of an element to Hex 79D5D0 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
#79D5D0 }
```

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

```
.border{ border-color:#79D5D0 }
```

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

Here you see how a box with a 4 pixel #79D5D0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #79D5D0; -webkit-box-shadow:4px 4px  
4px 4px #79D5D0; box-shadow:4px 4px 4px  
4px #79D5D0 }
```

# Background

The CSS property to change the background color of an element to Hex 79D5D0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#79D5D0 }
```

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

```
.background{ background-color:#79D5D0 }
```

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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