

# Converting Colors

Hex(7FD5D5)

Have a look what the booklet for  
Hex(7FD5D5) contains.

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# **Color**

**Hex(7FD5D5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7FD5D5
RGB	127, 213, 213
RGB Percent	50%, 84%, 84%
CMY	0.5020, 0.1647, 0.1647
CMYK	0.40, 0.00, 0.00, 0.16
HSL	180°, 51%, 67%
HSV	180°, 40%, 84%
XYZ	44.5569, 56.9046, 71.5861
YIQ	187.2860, -51.2560, -18.2320

# Conversions

## Conversions Part 2

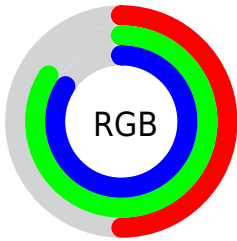
Format	Color
<a href="#">RYB</a>	<a href="#">127, 170, 213</a>
Decimal	<a href="#">8377813</a>
CIELab	<a href="#">80.13, -25.92, -8.17</a>
CIELCh	<a href="#">80, 27.179, 197.501</a>
Yxy	<a href="#">56.9046, 0.2575, 0.3288</a>
Android (android.graphics.Color)	<a href="#">4286567893</a> ( <a href="#">0xFF7FD5D5</a> )
YUV	<a href="#">187.2860, 12.6770, -52.8708</a>
Hunter-Lab	<a href="#">75.4352, -26.5779, -3.4601</a>

# Details

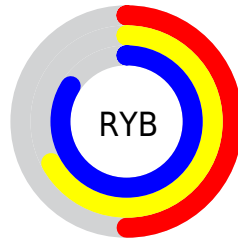
The Hex color **7FD5D5** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **D57F7F**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **B8FFFF**, and **469E9E** is the 20% darker color. If you saturate the color by 10%, you get **6AD5D5**, and if you desaturate by 10%, it is **94D5D5**.

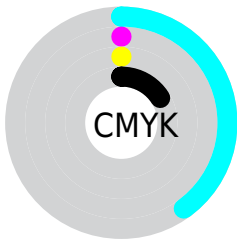
# Distribution



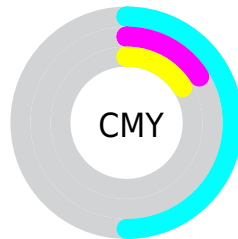
- Red (50%)
- Green (84%)
- Blue (84%)



- Red (50%)
- Yellow (67%)
- Blue (84%)



- Cyan (40%)
- Magenta (0%)
- Yellow (0%)
- Black (16%)



- Cyan (50%)
- Magenta (16%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7FD5D5 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 7FD5D5 by changing the saturation by 10% instead.



 7FD5D5

 7FD5D5

FFFFFF

 63B9B9

 B8FFFF

 469E9E

 D5FFFF

 278484

 F2FFFF

 006A6B

 005253

 003A3C

 002526

 000212

 000000

 7FD5D5

 7FD5D5

 6AD5D5

 94D5D5

 54D5D5

 AAD5D5

 3FD5D5

 BFD5D5

 2AD5D5

 D4D5D5

 14D5D5

 EAD5D5

 00D5D5

 FFD5D5

# Harmonies

## Analogous

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



91D4BB



7FD5D5



81D2EB

# Triad

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



7FD5D5



DDBBE9



E3C196

# Complementary

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



7FD5D5



D57F7F

# 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.



F5B9A2



7FD5D5



F3B5D2

# Square

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



7FD5D5



BDC4F7



FBB5B9



CACA96

# Rectangle

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



7FD5D5



90CFF5



FBB5B9



EABF99



# Sweetspot

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



7FD5D5



E0FFFF



7FD57F



6E8080



000000



808080



# Same Dimension

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



7FD5D5



85FFFF



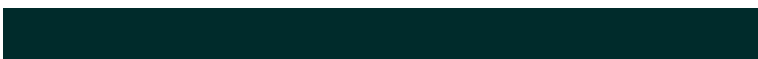
7FAAD5



606B6B



00ABAB



002B2B



# Inverse Universe

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



D57FD5



FF85FF



D5AA7F



6B606B



AB00AB

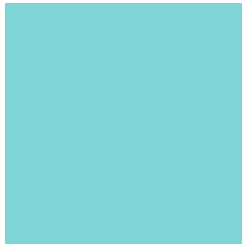


2B002B



# Previews

## White Background



This preview shows how the Hex color 7FD5D5 looks on a white background.

## Color Contrast Check

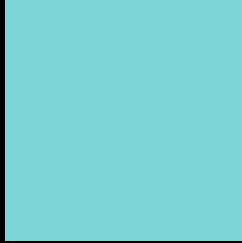
Large Text (above 18pt) WCAG AA × Fail

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 7FD5D5 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

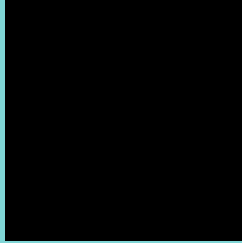
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

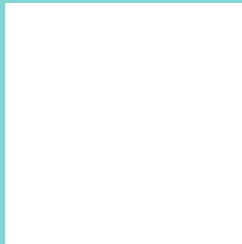
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7FD5D5 Background



This preview shows how black text looks on a background with the Hex color 7FD5D5.

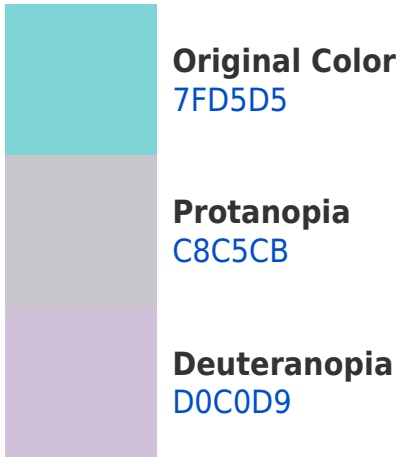


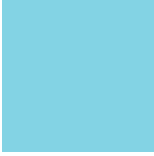
This preview shows how white text looks on a background with the Hex color 7FD5D5.

# 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**  
83D3E4

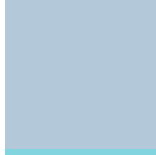
# Trichromacy



**Original Color**  
7FD5D5



**Protanomaly**  
ADCBCF



**Deuteranomaly**  
B3C8D8

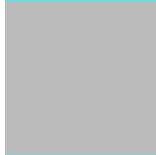


**Tritanomaly**  
82D4DF

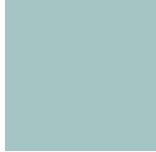
# Monochromacy



**Original Color**  
7FD5D5



**Achromatopsia**  
BBBBBB



**Achromatomaly**  
A5C4C4

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7FD5D5 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 #7FD5D5 looks like.

```
.text, #text, p{  
    color:#7FD5D5  
}
```

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 #7FD5D5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7FD5D5
}
```

## Border

The CSS property to change the border of an element to Hex 7FD5D5 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
#7FD5D5 }
```

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

```
.border{ border-color:#7FD5D5 }
```

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

Here you see how a box with a 4 pixel #7FD5D5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7FD5D5; -webkit-box-shadow:4px 4px  
4px 4px #7FD5D5; box-shadow:4px 4px 4px  
4px #7FD5D5 }
```

# Background

The CSS property to change the background color of an element to Hex 7FD5D5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7FD5D5 }
```

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

```
.background{ background-color:#7FD5D5 }
```

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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