

Converting Colors

Hex(7FD5CF)

Have a look what the booklet for
Hex(7FD5CF) contains.

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Color

Hex(7FD5CF)

Conversions

Conversions Part 1

Format	Color
Hex	7FD5CF
RGB	127, 213, 207
RGB Percent	50%, 84%, 81%
CMY	0.5020, 0.1647, 0.1882
CMYK	0.40, 0.00, 0.03, 0.16
HSL	176°, 51%, 67%
HSV	176°, 40%, 84%
XYZ	43.8091, 56.6055, 67.6485
YIQ	186.6020, -49.3300, -20.0980

Conversions

Conversions Part 2

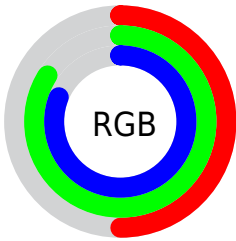
Format	Color
RYB	127, 172, 213
Decimal	8377807
CIELab	79.96, -27.38, -5.22
CIElCh	80, 27.872, 190.785
Yxy	56.6055, 0.2607, 0.3368
Android (android.graphics.Color)	4286567887 (0xFF7FD5CF)
YUV	186.6020, 10.0562, -52.2710
Hunter-Lab	75.2366, -27.7263, -0.6445

Details

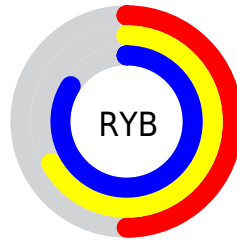
The Hex color **7FD5CF** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **D57F85**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **B8FFFF**, and **479E99** is the 20% darker color. If you saturate the color by 10%, you get **6AD5CE**, and if you desaturate by 10%, it is **94D5D0**.

Distribution



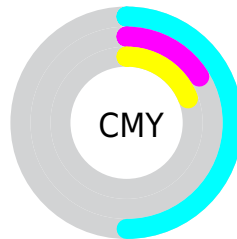
- Red (50%)
- Green (84%)
- Blue (81%)



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



- Cyan (40%)
- Magenta (0%)
- Yellow (3%)
- Black (16%)



- Cyan (50%)
- Magenta (16%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7FD5CF 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 7FD5CF by changing the saturation by 10% instead.

 7FD5CF

 7FD5CF

FFFFFF

 63B9B3

 B8FFFF

 479E99

 D5FFFF

 28847F

 F2FFFF

 006A66

 00524E

 003A37

 002422

 00000C

 000000

 7FD5CF

 7FD5CF

 6AD5CE

 94D5D0

 54D5CC

 AAD5D2

 3FD5CB

 BFD5D3

 2AD5C9

 D4D5D5

 14D5C8

 EAD5D6

 00D5C6

 FFD5D8

 FFD5D9

 FFD5DB

 FFD5DC

Harmonies

Analogous

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



95D4B4



7FD5CF



7BD3E7

Triad

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



7FD5CF



D6BCEE



E8BF96

Complementary

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



7FD5CF



D57F85

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.



F8B7A5



7FD5CF



EFB5D8

Square

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



7FD5CF



B4C5F9



FBB3BE



D0C893

Rectangle

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



7FD5CF



87D0F3



FBB3BE



EFBC9A

Sweetspot

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



7FD5CF



E0FFFD



86D57F



6E807E



000000



808080

Same Dimension

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



7FD5CF



85FFF6



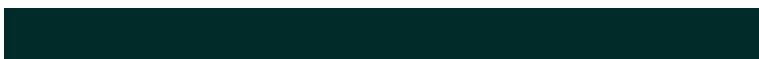
7FB1D5



606B6A



00AB9F



002B28

Inverse Universe

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



D57F85



FF858D



D5A37F



6B6061



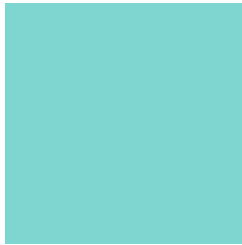
AB000C



2B0003

Previews

White Background



This preview shows how the Hex color 7FD5CF looks on a white background.

Color Contrast Check

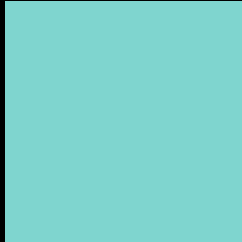
Large Text (above 18pt) WCAG AA × Fail

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 7FD5CF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

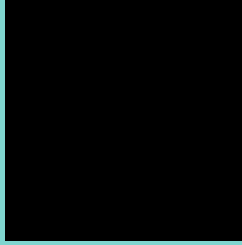
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

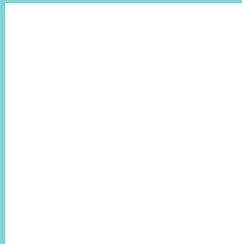
Any Text WCAG AAA ✓ Pass

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

Hex 7FD5CF Background



This preview shows how black text looks on a background with the Hex color 7FD5CF.

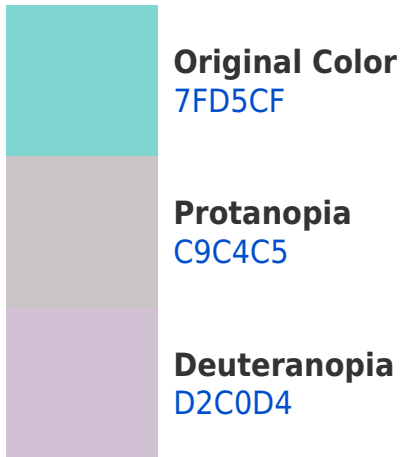


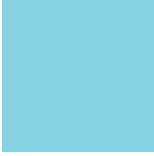
This preview shows how white text looks on a background with the Hex color 7FD5CF.

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
84D2E3

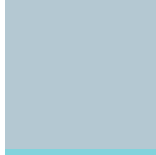
Trichromacy



Original Color
7FD5CF



Protanomaly
AECAC9



Deuteranomaly
B4C8D2

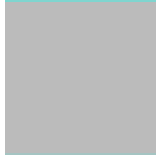


Tritanomaly
82D3DC

Monochromacy



Original Color
7FD5CF



Achromatopsia
BBBBBB



Achromatomaly
A5C4C2

CSS Examples

Text

The CSS property to change the color of the text to Hex 7FD5CF 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 #7FD5CF looks like.

```
.text, #text, p{  
    color:#7FD5CF  
}
```

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 #7FD5CF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7FD5CF
}
```

Border

The CSS property to change the border of an element to Hex 7FD5CF 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
#7FD5CF }
```

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

```
.border{ border-color:#7FD5CF }
```

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

Here you see how a box with a 4 pixel #7FD5CF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7FD5CF; -webkit-box-shadow:4px 4px  
4px 4px #7FD5CF; box-shadow:4px 4px 4px  
4px #7FD5CF }
```

Background

The CSS property to change the background color of an element to Hex 7FD5CF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7FD5CF }
```

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

```
.background{ background-color:#7FD5CF }
```

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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