

Converting Colors

Hex(7FD3D3)

Have a look what the booklet for
Hex(7FD3D3) contains.

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Color

Hex(7FD3D3)

Conversions

Conversions Part 1

Format	Color
Hex	7FD3D3
RGB	127, 211, 211
RGB Percent	50%, 83%, 83%
CMY	0.5020, 0.1725, 0.1725
CMYK	0.40, 0.00, 0.00, 0.17
HSL	180°, 49%, 66%
HSV	180°, 40%, 83%
XYZ	43.8045, 55.8037, 70.0905
YIQ	185.8840, -50.0640, -17.8080

Conversions

Conversions Part 2

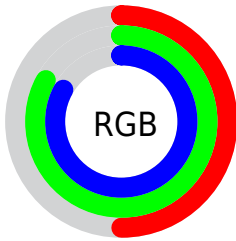
Format	Color
RYB	127, 169, 211
Decimal	8377299
CIELab	79.50, -25.43, -8.03
CIElCh	80, 26.668, 197.524
Yxy	55.8037, 0.2581, 0.3288
Android (android.graphics.Color)	4286567379 (0xFF7FD3D3)
YUV	185.8840, 12.3822, -51.6413
Hunter-Lab	74.7019, -26.0574, -3.3387

Details

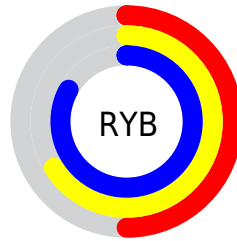
The Hex color **7FD3D3** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **D37F7F**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **B8FFFF**, and **479C9D** is the 20% darker color. If you saturate the color by 10%, you get **6AD3D3**, and if you desaturate by 10%, it is **94D3D3**.

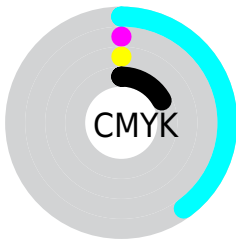
Distribution



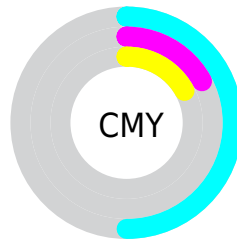
- Red (50%)
- Green (83%)
- Blue (83%)



- Red (50%)
- Yellow (66%)
- Blue (83%)



- Cyan (40%)
- Magenta (0%)
- Yellow (0%)
- Black (17%)



- Cyan (50%)
- Magenta (17%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7FD3D3 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 7FD3D3 by changing the saturation by 10% instead.

 7FD3D3

 7FD3D3

FFFFFF

 63B7B7

 B8FFFF

 479C9D

 D5FFFF

 288282

 F2FFFF

 006869

 005051

 00393A

 002325

 000110

 000000

 7FD3D3

 7FD3D3

 6AD3D3

 94D3D3

 55D3D3

 A9D3D3

 40D3D3

 BED3D3

 2BD3D3

 D3D3D3

 16D3D3

 E9D3D3

 00D3D3

 FED3D3

 FFD3D3

Harmonies

Analogous

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



91D2B9



7FD3D3



81D0E9

Triad

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



7FD3D3



DBBAE7



E1C095

Complementary

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



7FD3D3



D37F7F

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.



F2B8A1



7FD3D3



F0B4D0

Square

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



7FD3D3



BBC2F4



F8B3B7



C8C895

Rectangle

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



7FD3D3



8FCDF2



F8B3B7



E8BD98

Sweetspot

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



7FD3D3



E0FFFF



7FD37F



6E8080



000000



808080

Same Dimension

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



7FD3D3



85FFFF



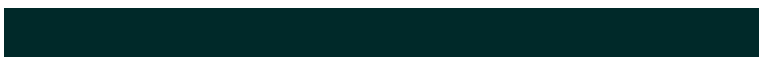
7FA9D3



5E6969



00A8A8



002929

Inverse Universe

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



D37FD3



FF85FF



D3A97F



695E69



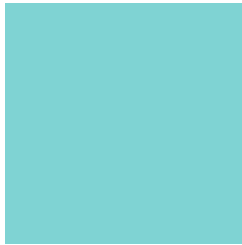
A800A8



290029

Previews

White Background



This preview shows how the Hex color 7FD3D3 looks on a white background.

Color Contrast Check

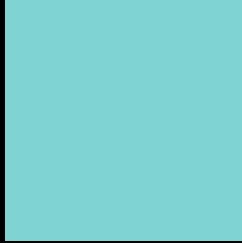
Large Text (above 18pt) WCAG AA × Fail

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 7FD3D3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

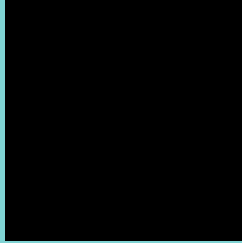
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

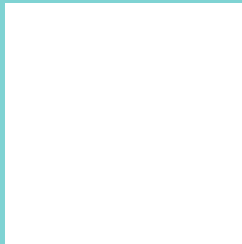
Any Text WCAG AAA ✓ Pass

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

Hex 7FD3D3 Background



This preview shows how black text looks on a background with the Hex color 7FD3D3.

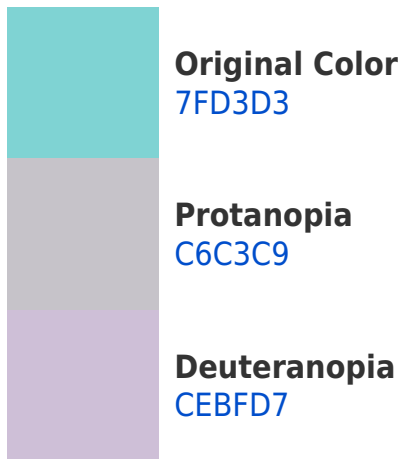


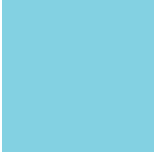
This preview shows how white text looks on a background with the Hex color 7FD3D3.

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
83D1E2

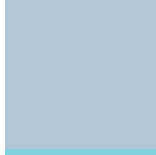
Trichromacy



Original Color
7FD3D3



Protanomaly
ACC9CD



Deuteranomaly
B1C6D6

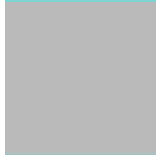


Tritanomaly
82D2DD

Monochromacy



Original Color
7FD3D3



Achromatopsia
BABABA



Achromatomaly
A5C3C3

CSS Examples

Text

The CSS property to change the color of the text to Hex 7FD3D3 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 #7FD3D3 looks like.

```
.text, #text, p{  
    color:#7FD3D3  
}
```

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 #7FD3D3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7FD3D3
}
```

Border

The CSS property to change the border of an element to Hex 7FD3D3 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
#7FD3D3 }
```

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

```
.border{ border-color:#7FD3D3 }
```

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

Here you see how a box with a 4 pixel #7FD3D3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7FD3D3; -webkit-box-shadow:4px 4px  
4px 4px #7FD3D3; box-shadow:4px 4px 4px  
4px #7FD3D3 }
```

Background

The CSS property to change the background color of an element to Hex 7FD3D3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7FD3D3 }
```

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

```
.background{ background-color:#7FD3D3 }
```

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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