

# Converting Colors

Hex(7FD3BF)

Have a look what the booklet for  
Hex(7FD3BF) contains.

<b>Hex(7FD3BF)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(7FD3BF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7FD3BF
RGB	127, 211, 191
RGB Percent	50%, 83%, 75%
CMY	0.5020, 0.1725, 0.2510
CMYK	0.40, 0.00, 0.09, 0.17
HSL	166°, 49%, 66%
HSV	166°, 40%, 83%
XYZ	41.4506, 54.8621, 57.6950
YIQ	183.6040, -43.6440, -24.0280

# Conversions

## Conversions Part 2

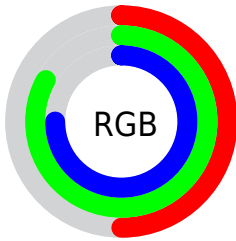
<b>Format</b>	<b>Color</b>
<b>RYB</b>	127, 175, 211
Decimal	8377279
CIELab	78.96, -30.15, 1.89
CIELCh	79, 30.207, 176.420
Yxy	54.8621, 0.2691, 0.3562
Android (android.graphics.Color)	4286567359 (0xFF7FD3BF)
YUV	183.6040, 3.6462, -49.6417
Hunter-Lab	74.0690, -29.7282, 5.6652

# Details

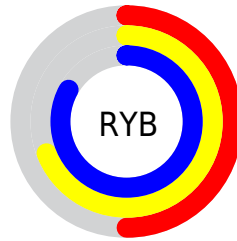
The Hex color **7FD3BF** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **D37F93**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **B7FFF7**, and **489C8A** is the 20% darker color. If you saturate the color by 10%, you get **6AD3BA**, and if you desaturate by 10%, it is **94D3C4**.

# Distribution



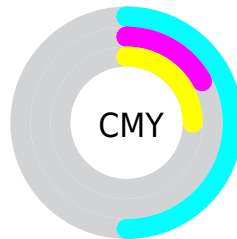
- Red (50%)
- Green (83%)
- Blue (75%)



- Red (50%)
- Yellow (69%)
- Blue (83%)



- Cyan (40%)
- Magenta (0%)
- Yellow (9%)
- Black (17%)



- Cyan (50%)
- Magenta (17%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7FD3BF 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 7FD3BF by changing the saturation by 10% instead.



 7FD3BF

 7FD3BF

FFFFFF

 63B7A4

 B7FFF7

 489C8A

 D4FFFF

 2B8270

 F1FFFF

 006858

 005041

 00382B

 002316

 000000

 7FD3BF

 7FD3BF

 6AD3BA

 94D3C4

 55D3B5

 A9D3C9

 40D3B0

 BED3CE

 2BD3AB

 D3D3D3

 16D3A6

 E9D3D8

 00D3A1

 FED3DD

 FFD3E2

 FFD3E7

 FFD3EC

# Harmonies

## Analogous

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



9DD0A4



7FD3BF



6ED3DB

# Triad

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



7FD3BF



C3BDF6



F1B796

# Complementary

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



7FD3BF



D37F93

# 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.



FCB0AC



7FD3BF



E4B4E3

# Square

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



7FD3BF



9BC7FB



F8AFC8



DBC18C

# Rectangle

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



7FD3BF



72D0EB



F8AFC8



F6B49C



# Sweetspot

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



7FD3BF



E0FFF8



94D37F



6E807B



000000



808080

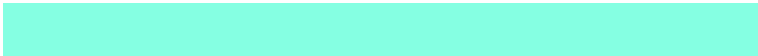


# Same Dimension

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



7FD3BF



85FFE2



7FBED3



5E6966



00A880



00291F



# Inverse Universe

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



D37F93



FF85A2



D3947F



695E61



A80028

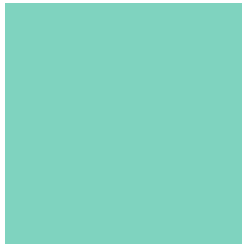


29000A



# Previews

## White Background



This preview shows how the Hex color 7FD3BF looks on a white background.

## Color Contrast Check

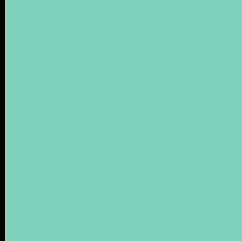
Large Text (above 18pt) WCAG AA × Fail

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 7FD3BF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

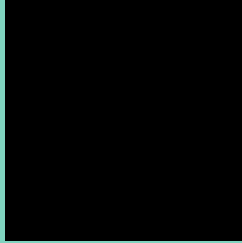
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

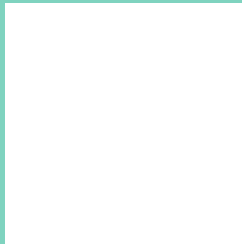
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7FD3BF Background



This preview shows how black text looks on a background with the Hex color 7FD3BF.



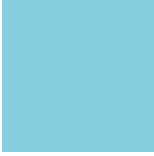
This preview shows how white text looks on a background with the Hex color 7FD3BF.

# 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](#).

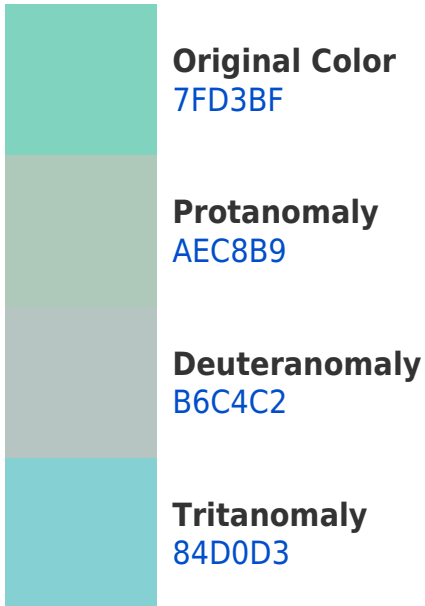
## Dichromacy



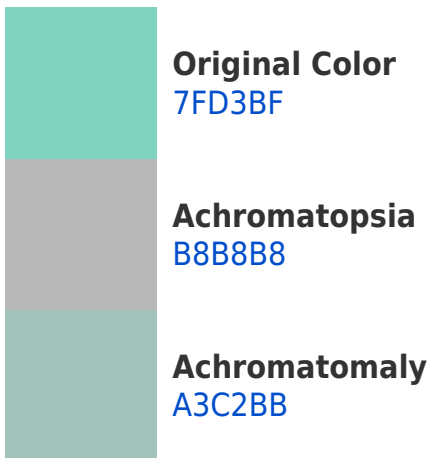


**Tritanopia**  
87CEDF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7FD3BF 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 #7FD3BF looks like.

```
.text, #text, p{  
    color:#7FD3BF  
}
```

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 #7FD3BF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7FD3BF
}
```

## Border

The CSS property to change the border of an element to Hex 7FD3BF 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
#7FD3BF }
```

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

```
.border{ border-color:#7FD3BF }
```

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

Here you see how a box with a 4 pixel #7FD3BF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7FD3BF; -webkit-box-shadow:4px 4px  
4px 4px #7FD3BF; box-shadow:4px 4px 4px  
4px #7FD3BF }
```

# Background

The CSS property to change the background color of an element to Hex 7FD3BF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7FD3BF }
```

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

```
.background{ background-color:#7FD3BF }
```

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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