

# Converting Colors

Hex(7FC3D2)

Have a look what the booklet for  
Hex(7FC3D2) contains.

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# **Color**

**Hex(7FC3D2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7FC3D2
RGB	127, 195, 210
RGB Percent	50%, 76%, 82%
CMY	0.5020, 0.2353, 0.1765
CMYK	0.40, 0.07, 0.00, 0.18
HSL	191°, 48%, 66%
HSV	191°, 40%, 82%
XYZ	39.9004, 48.1954, 68.1724
YIQ	176.3780, -45.3430, -9.7510

# Conversions

## Conversions Part 2

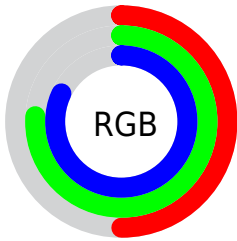
<b>Format</b>	<b>Color</b>
<b>RYB</b>	127, 164, 210
Decimal	8373202
CIELab	74.95, -17.63, -14.29
CIELCh	75, 22.698, 219.023
Yxy	48.1954, 0.2553, 0.3084
Android (android.graphics.Color)	4286563282 (0xFF7FC3D2)
YUV	176.3780, 16.5756, -43.3045
Hunter-Lab	69.4229, -18.8983, -9.6260

# Details

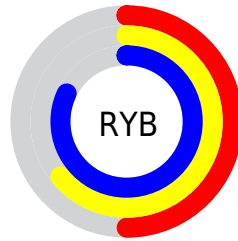
The Hex color **7FC3D2** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **D28E7F**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **B7FCFF**, and **488D9C** is the 20% darker color. If you saturate the color by 10%, you get **6ABFD2**, and if you desaturate by 10%, it is **94C7D2**.

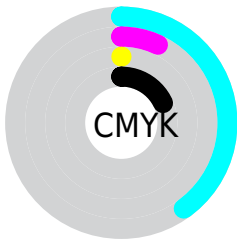
# Distribution



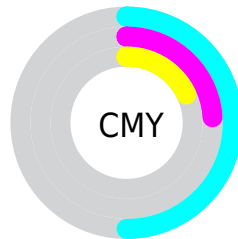
- Red (50%)
- Green (76%)
- Blue (82%)



- Red (50%)
- Yellow (64%)
- Blue (82%)



- Cyan (40%)
- Magenta (7%)
- Yellow (0%)
- Black (18%)



- Cyan (50%)
- Magenta (24%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7FC3D2 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 7FC3D2 by changing the saturation by 10% instead.



 7FC3D2

 7FC3D2

FFFFFF

 64A8B6

 B7FCFF

 488D9C

 D4FFFF

 2B7481

 F1FFFF

 025B68

 004350

 002D39

 001A24

 00010D

 000000

■ 7FC3D2

■ 7FC3D2

■ 6ABFD2

■ 94C7D2

■ 55BBD2

■ A9CBD2

■ 40B8D2

■ BECED2

■ 2BB4D2

■ D3D2D2

■ 16B0D2

■ E8D6D2

■ 01ACD2

■ FDDAD2

■ 00ACD2

■ FFDED2

■ FFE1D2

■ FFE5D2

# Harmonies

## Analogous

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



82C5BE



7FC3D2



8EBFDF

# Triad

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



7FC3D2



D9ABC8



C2B98F

# Complementary

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



7FC3D2



D28E7F

# 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.



D5B292



7FC3D2



E3AAB3

# Square

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



7FC3D2



C4B1D9



E1AC9F



AABF98

# Rectangle

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



7FC3D2



9FBBE2



E1AC9F



C9B78F

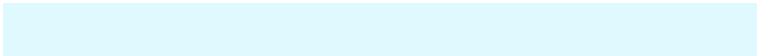


# Sweetspot

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



7FC3D2



E0F9FF



7FD28D



6E7C80



000000



808080

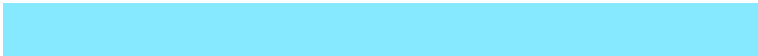


# Same Dimension

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



7FC3D2



87E9FF



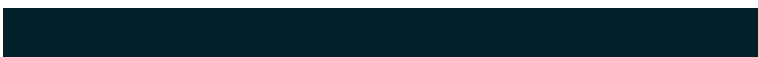
7F9BD2



5E6769



008AA8



002129



# Inverse Universe

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



D27FC3



FF87E9



D2B67F



695E67



A8008A

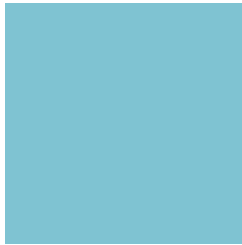


290021



# Previews

## White Background



This preview shows how the Hex color 7FC3D2 looks on a white background.

## Color Contrast Check

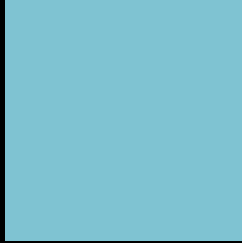
Large Text (above 18pt) WCAG AA × Fail

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 7FC3D2 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

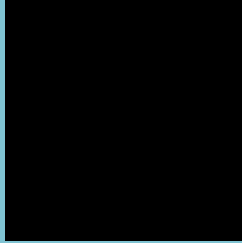
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 7FC3D2 Background



This preview shows how black text looks on a background with the Hex color 7FC3D2.



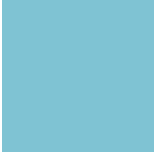
This preview shows how white text looks on a background with the Hex color 7FC3D2.

# 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](#).

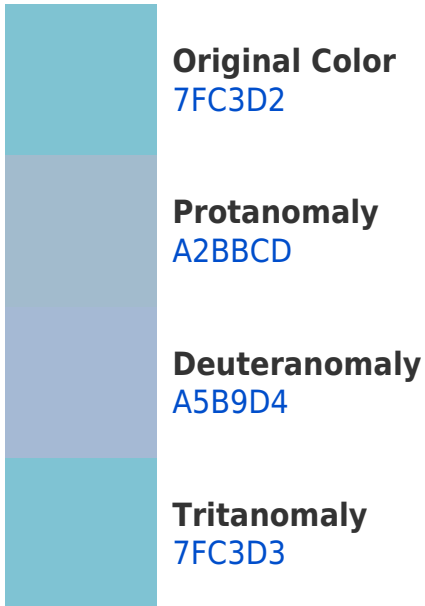
## Dichromacy



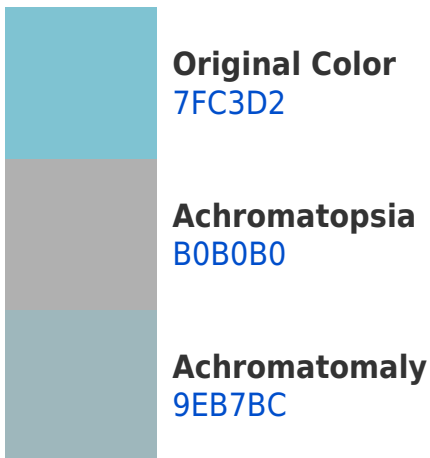


**Tritanopia**  
7FC3D3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7FC3D2 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 #7FC3D2 looks like.

```
.text, #text, p{  
    color:#7FC3D2  
}
```

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 #7FC3D2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7FC3D2
}
```

## Border

The CSS property to change the border of an element to Hex 7FC3D2 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
#7FC3D2 }
```

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

```
.border{ border-color:#7FC3D2 }
```

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

Here you see how a box with a 4 pixel #7FC3D2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7FC3D2; -webkit-box-shadow:4px 4px  
4px 4px #7FC3D2; box-shadow:4px 4px 4px  
4px #7FC3D2 }
```

# Background

The CSS property to change the background color of an element to Hex 7FC3D2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7FC3D2 }
```

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

```
.background{ background-color:#7FC3D2 }
```

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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