

Converting Colors

Hex(3FCED3)

Have a look what the booklet for
Hex(3FCED3) contains.

Hex(3FCED3)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(3FCED3)

Conversions

Conversions Part 1

Format	Color
Hex	3FCED3
RGB	63, 206, 211
RGB Percent	25%, 81%, 83%
CMY	0.7529, 0.1922, 0.1725
CMYK	0.70, 0.02, 0.00, 0.17
HSL	182°, 63%, 54%
HSV	182°, 70%, 83%
XYZ	35.8791, 49.9025, 69.3691
YIQ	163.8130, -86.8330, -28.7610

Conversions

Conversions Part 2

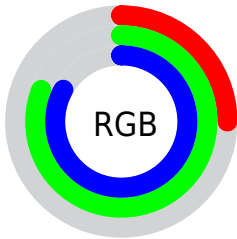
Format	Color
RYB	63, 136, 211
Decimal	4181715
CIELab	76.01, -35.23, -13.46
CIELCh	76, 37.717, 200.903
Yxy	49.9025, 0.2313, 0.3216
Android (android.graphics.Color)	4282371795 (0xFF3FCED3)
YUV	163.8130, 23.2632, -88.4130
Hunter-Lab	70.6417, -32.9625, -8.7727

Details

The Hex color **3FCED3** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **D3443F**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **83FFFF**, and **00979D** is the 20% darker color. If you saturate the color by 10%, you get **2ACDD3**, and if you desaturate by 10%, it is **54CFD3**.

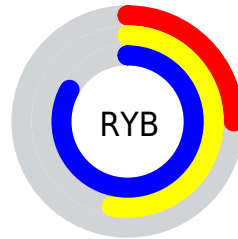
Distribution



Red (25%)

Green (81%)

Blue (83%)



Red (25%)

Yellow (53%)

Blue (83%)

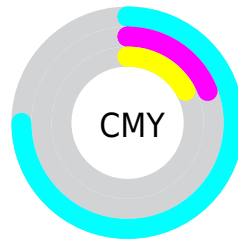


Cyan (70%)

Magenta (2%)

Yellow (0%)

Black (17%)



Cyan (75%)

Magenta (19%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3FCED3 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 3FCED3 by changing the saturation by 10% instead.

 3FCED3

 3FCED3

FFFFFF

 00B2B7

 83FFFF

 00979D

 A2FFFF

 007D82

 C1FFFF

 006369


 DFFFFF

 004B51

FEFFFF

 00333A

 001E25

 00010F

 000000

 3FCED3

 3FCED3

 2ACDD3

 54CFD3

 15CDD3

 69CFD3

 00CCD3

 7ED0D3

 93D1D3

 A9D2D3

 BED2D3

 D3D3D3

 E8D4D3

 FDD4D3

Harmonies

Analogous

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



67CEAF



3FCED3



45CAF0

Triad

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



3FCED3



DDAAE8



DCB677

Complementary

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



3FCED3



D3443F

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.



F5AA87



3FCED3



F8A2C7

Square

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



3FCED3



B1B6FC



FFA2A4



BAC179

Rectangle

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



3FCED3



66C5FC



FFA2A4



E6B27A

Sweetspot

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



3FCED3



C9FDFF



3FD344



607E80



000000



808080

Same Dimension

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



3FCED3



29F8FF



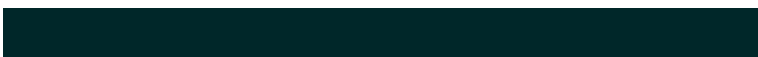
3F84D3



5E6869



00A3A8



002729

Inverse Universe

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



D33FCE



FF29F8



D38E3F



695E68



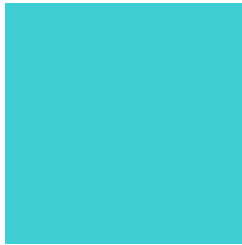
A800A3



290027

Previews

White Background



This preview shows how the Hex color 3FCED3 looks on a white background.

Color Contrast Check

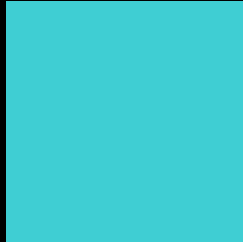
Large Text (above 18pt) WCAG AA × Fail

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 3FCED3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

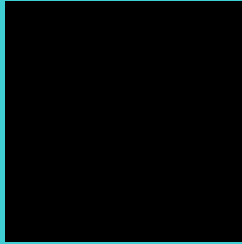
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

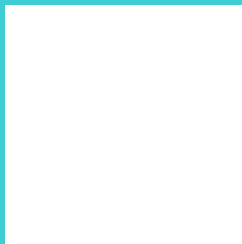
Any Text WCAG AAA ✓ Pass

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

Hex 3FCED3 Background



This preview shows how black text looks on a background with the Hex color 3FCED3.

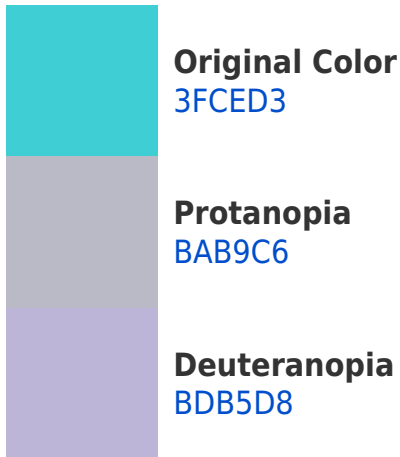


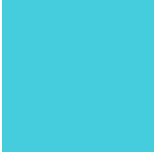
This preview shows how white text looks on a background with the Hex color 3FCED3.

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](#).

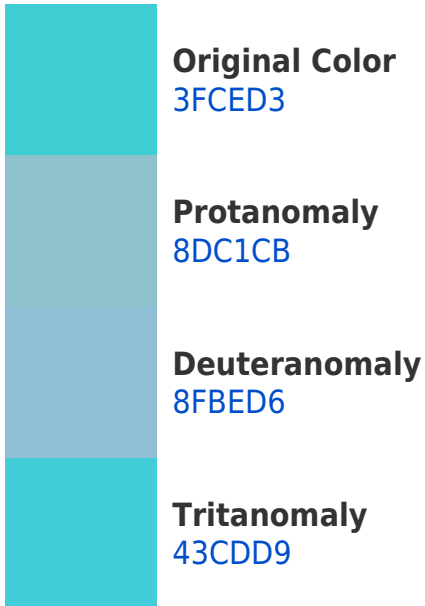
Dichromacy



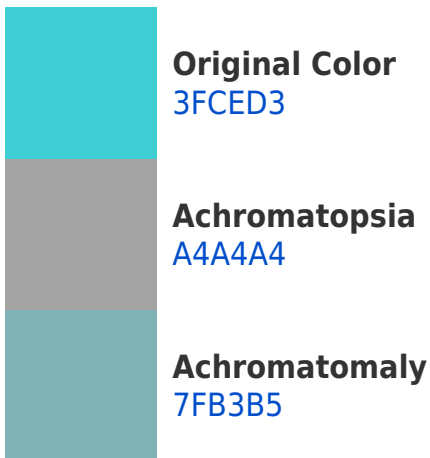


Tritanopia
45CCDD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3FCED3 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 #3FCED3 looks like.

```
.text, #text, p{  
    color:#3FCED3  
}
```

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 #3FCED3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3FCED3
}
```

Border

The CSS property to change the border of an element to Hex 3FCED3 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
#3FCED3 }
```

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

```
.border{ border-color:#3FCED3 }
```

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

Here you see how a box with a 4 pixel #3FCED3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3FCED3; -webkit-box-shadow:4px 4px  
4px 4px #3FCED3; box-shadow:4px 4px 4px  
4px #3FCED3 }
```

Background

The CSS property to change the background color of an element to Hex 3FCED3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3FCED3 }
```

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

```
.background{ background-color:#3FCED3 }
```

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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