

Converting Colors

Hex(3FDCDC)

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

Hex(3FDCDC)	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(3FDCDC)

Conversions

Conversions Part 1

Format	Color
Hex	3FDCDC
RGB	63, 220, 220
RGB Percent	25%, 86%, 86%
CMY	0.7529, 0.1373, 0.1373
CMYK	0.71, 0.00, 0.00, 0.14
HSL	180°, 69%, 55%
HSV	180°, 71%, 86%
XYZ	40.5614, 57.4105, 76.6537
YIQ	173.0570, -93.5720, -33.2840

Conversions

Conversions Part 2

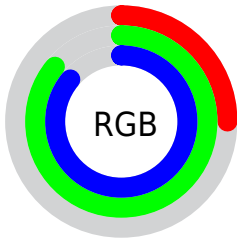
Format	Color
RYB	63, 142, 220
Decimal	4185308
CIELab	80.41, -39.12, -11.69
CIElCh	80, 40.831, 196.643
Yxy	57.4105, 0.2323, 0.3288
Android (android.graphics.Color)	4282375388 (0xFF3FDCDC)
YUV	173.0570, 23.1429, -96.5200
Hunter-Lab	75.7697, -37.0416, -6.9429

Details

The Hex color **3FDCDC** 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 **DC3F3F**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **85FFFF**, and **00A4A5** is the 20% darker color. If you saturate the color by 10%, you get **29DCDC**, and if you desaturate by 10%, it is **55DCDC**.

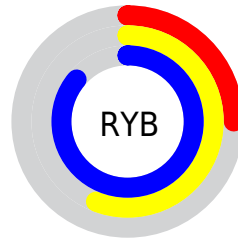
Distribution



Red (25%)

Green (86%)

Blue (86%)



Red (25%)

Yellow (56%)

Blue (86%)

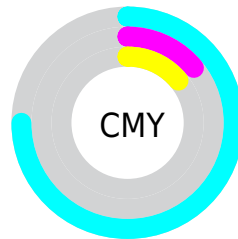


Cyan (71%)

Magenta (0%)

Yellow (0%)

Black (14%)



Cyan (75%)

Magenta (14%)

Yellow (14%)

Brightness & Saturation Gradients

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

 3FDCDC

 3FDCDC

FFFFFF

 00C0C0

 85FFFF

 00A4A5

 A5FFFF

 00898B

 C4FFFF

 006F71

 E3FFFF

 005659

 003E42

 00292B

 000418

 000000

■ 3FDCDC

■ 3FDCDC

■ 29DCDC

■ 55DCDC

■ 13DCDC

■ 6BDCDC

■ 00DCDC

■ 81DCDC

■ 97DCDC

■ ADDCDC

■ C3DCDC

■ D9DCDC

■ EFDCDC

■ FFDCDC

Harmonies

Analogous

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



71DBB5



3FDCDC



39D9FE

Triad

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



3FD CDC



E6B6FC



F0BF7D

Complementary

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



3FD CDC



DC3 F3F

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.



FFB392



3FDCCD



FFACDA

Square

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



3FDCCD



B3C4FF



FFABB3



CCCC7D

Rectangle

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



3FDCDC



5FD4FF



FFABB3



FABB82

Sweetspot

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



3FDCDC



C9FFFF



3FDC3F



608080



000000



808080

Same Dimension

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



3FDCDC



24FFFF



3F8EDC



636E6E



00ADAD



002E2E

Inverse Universe

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



DC3FDC



FF24FF



DC8E3F



6E636E



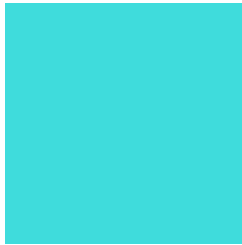
AD00AD



2E002E

Previews

White Background



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

Color Contrast Check

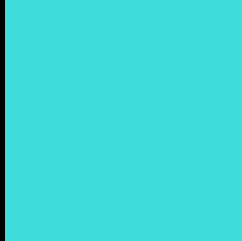
Large Text (above 18pt) WCAG AA × Fail

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 3FDCDC looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

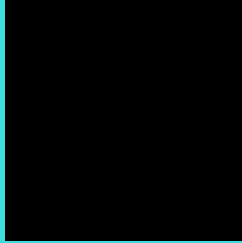
Any Text WCAG AA ✓ Pass

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 3FDCDC Background



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

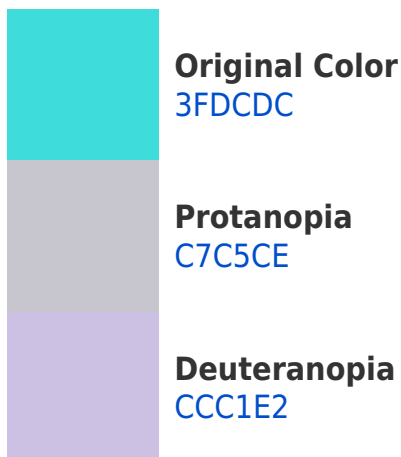


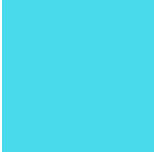
This preview shows how white text looks on a background with the Hex color 3FDCDC.

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



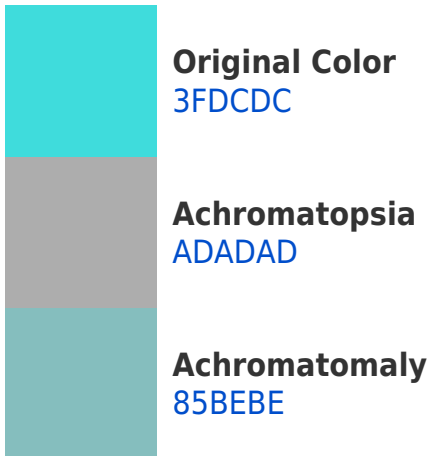


Tritanopia
49DAEB

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #3FDCDC colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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