

Converting Colors

Hex(3FDADA)

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

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Color

Hex(3FDADA)

Conversions

Conversions Part 1

Format	Color
Hex	3FDADA
RGB	63, 218, 218
RGB Percent	25%, 85%, 85%
CMY	0.7529, 0.1451, 0.1451
CMYK	0.71, 0.00, 0.00, 0.15
HSL	180°, 68%, 55%
HSV	180°, 71%, 85%
XYZ	39.7762, 56.2615, 75.0928
YIQ	171.6550, -92.3800, -32.8600

Conversions

Conversions Part 2

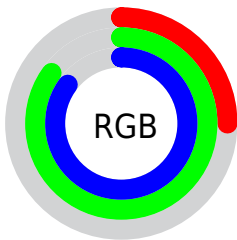
Format	Color
RYB	63, 141, 218
Decimal	4184794
CIELab	79.76, -38.77, -11.59
CIELCh	80, 40.471, 196.648
Yxy	56.2615, 0.2324, 0.3288
Android (android.graphics.Color)	4282374874 (0xFF3FDADA)
YUV	171.6550, 22.8481, -95.2904
Hunter-Lab	75.0077, -36.6058, -6.8519

Details

The Hex color **3FDADA** 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 **DA3F3F**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **85FFFF**, and **00A2A3** is the 20% darker color. If you saturate the color by 10%, you get **29DADA**, and if you desaturate by 10%, it is **55DADA**.

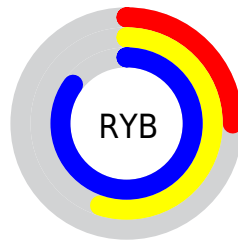
Distribution



Red (25%)

Green (85%)

Blue (85%)



Red (25%)

Yellow (55%)

Blue (85%)

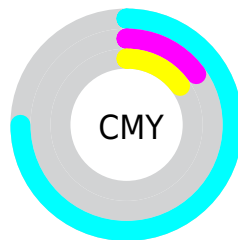


Cyan (71%)

Magenta (0%)

Yellow (0%)

Black (15%)



Cyan (75%)

Magenta (15%)

Yellow (15%)

Brightness & Saturation Gradients

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

 3FDADA

 3FDADA

FFFFFF

 00BEBE

 85FFFF

 00A2A3

 A5FFFF

 008889

 C4FFFF

 006E70

 E3FFFF

 005557

 003C40

 00282A

 000116

 000000

3FDADA

3FDADA

29DADA

55DADA

13DADA

6BDADA

00DADA

80DADA

96DADA

ACDADA

C2DADA

D8DADA

EDDADA

FFDADA

Harmonies

Analogous

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



70D9B3



3FDADA



39D7FB

Triad

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



3FDADA



E4B4FA



EEBE7C

Complementary

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



3FDADA



DA3F3F

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.



FFB190



3FDADA



FFAAD8

Square

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



3FDADA



B2C2FF



FFA9B2



CACA7C

Rectangle

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



3FDADA



5ED2FF



FFA9B2



F8B981

Sweetspot

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



3FDADA



C9FFFF



3FDA3F



608080



000000



808080

Same Dimension

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



3FDADA



26FFFF



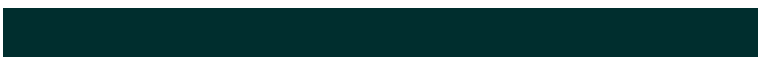
3F8DDA



636E6E



00ADAD



002E2E

Inverse Universe

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



DA3FDA



FF26FF



DA8D3F



6E636E



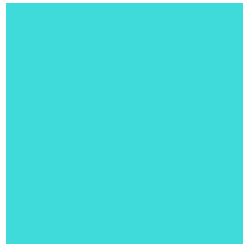
AD00AD



2E002E

Previews

White Background



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

Color Contrast Check

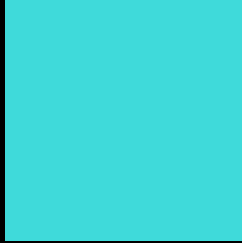
Large Text (above 18pt) WCAG AA × Fail

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 3FDADA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

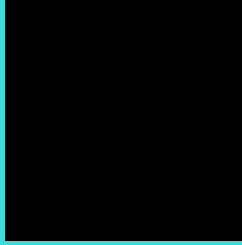
Any Text WCAG AA ✓ Pass

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 3FDADA Background



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

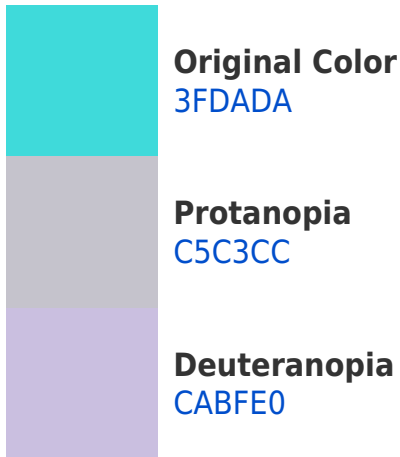


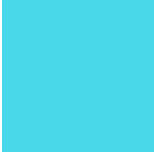
This preview shows how white text looks on a background with the Hex color 3FDADA.

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
48D8E9

Trichromacy



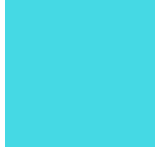
Original Color
3FDADA



Protanomaly
94CBD1



Deuteranomaly
97C9DE

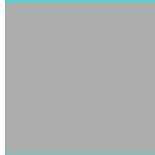


Tritanomaly
45D9E4

Monochromacy



Original Color
3FDADA



Achromatopsia
ACACAC



Achromatomaly
84BDBD

CSS Examples

Text

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

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

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 #3FDADA colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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