

Converting Colors

Hex(34DFDF)

Have a look what the booklet for
Hex(34DFDF) contains.

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Color

Hex(34DFDF)

Conversions

Conversions Part 1

Format	Color
Hex	34DFDF
RGB	52, 223, 223
RGB Percent	20%, 87%, 87%
CMY	0.7961, 0.1255, 0.1255
CMYK	0.77, 0.00, 0.00, 0.13
HSL	180°, 73%, 54%
HSV	180°, 77%, 87%
XYZ	41.1231, 58.8331, 79.0006
YIQ	171.8710, -101.9160, -36.2520

Conversions

Conversions Part 2

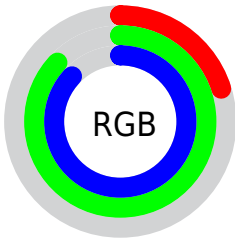
Format	Color
RYB	52, 138, 223
Decimal	3465183
CIELab	81.20, -40.80, -12.13
CIELCh	81, 42.561, 196.559
Yxy	58.8331, 0.2298, 0.3288
Android (android.graphics.Color)	4281655263 (0xFF34DFDF)
YUV	171.8710, 25.2066, -105.1269
Hunter-Lab	76.7028, -38.5295, -7.3742

Details

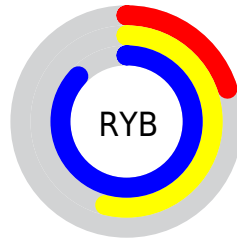
The Hex color **34DFDF** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light muted cyan. A complement of this color would be **DF3434**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **80FFFF**, and **00A7A8** is the 20% darker color. If you saturate the color by 10%, you get **1EDFDF**, and if you desaturate by 10%, it is **4ADDFD**.

Distribution



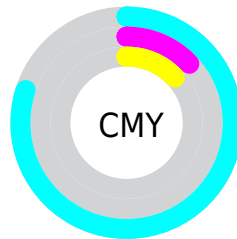
- Red (20%)
- Green (87%)
- Blue (87%)



- Red (20%)
- Yellow (54%)
- Blue (87%)



- Cyan (77%)
- Magenta (0%)
- Yellow (0%)
- Black (13%)



- Cyan (80%)
- Magenta (13%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 34DFDF 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 34DFDF by changing the saturation by 10% instead.

 34DFDF

 34DFDF

FFFFFF

 00C3C3

 80FFFF

 00A7A8

 A0FFFF

 008C8E

 C0FFFF

 007274

 DFFFFF

 00595B

 004044

 002A2E

 000A1A

 000000

 34DFDF

 34DFDF

 1EDFDF

 4ADDFD

 07DFDF

 61DFDF

 00DFDF

 77DFDF

 8DDFDF

 A3DFDF

 BADFDF

 D0DFDF

 E6DFDF

 FDDFDF

Harmonies

Analogous

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



6EDEB6



34DFDF



2ADBFF

Triad

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



34DFDF



EAB7FF



F4C17C

Complementary

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



34DFDF



DF3434

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.



FFB492



34DFDF



FFAADD

Square

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



34DFDF



B4C6FF



FFABB5



CECE7C

Rectangle

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



34DFDF



58D6FF



FFABB5



FEBC81

Sweetspot

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



34DFDF



C4FFFF



34DF34



5C8080



000000



808080

Same Dimension

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



34DFDF



14FFFF



3489DF



657070



00B0B0



003030

Inverse Universe

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



DF34DF



FF14FF



DF8934



706570



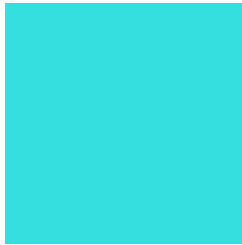
B000B0



300030

Previews

White Background



This preview shows how the Hex color 34DFDF looks on a white background.

Color Contrast Check

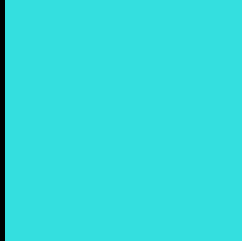
Large Text (above 18pt) WCAG AA × Fail

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 34DFDF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

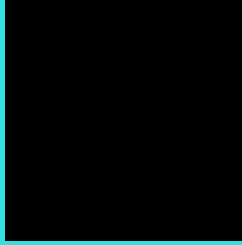
Any Text WCAG AA ✓ Pass

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 34DFDF Background



This preview shows how black text looks on a background with the Hex color 34DFDF.

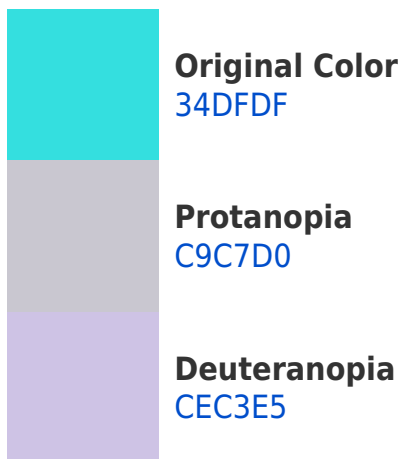


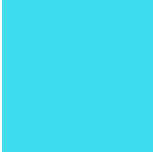
This preview shows how white text looks on a background with the Hex color 34DFDF.

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
40DDEF

Trichromacy



Original Color
34DFDF



Protanomaly
93D0D5



Deuteranomaly
96CDE3

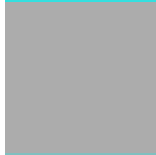


Tritanomaly
3CDEE9

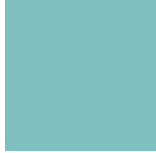
Monochromacy



Original Color
34DFDF



Achromatopsia
ACACAC



Achromatomaly
80BFBF

CSS Examples

Text

The CSS property to change the color of the text to Hex 34DFDF 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 #34DFDF looks like.

```
.text, #text, p{  
    color:#34DFDF  
}
```

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 #34DFDF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #34DFDF
}
```

Border

The CSS property to change the border of an element to Hex 34DFDF 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
#34DFDF }
```

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

```
.border{ border-color:#34DFDF }
```

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

Here you see how a box with a 4 pixel #34DFDF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #34DFDF; -webkit-box-shadow:4px 4px  
4px 4px #34DFDF; box-shadow:4px 4px 4px  
4px #34DFDF }
```

Background

The CSS property to change the background color of an element to Hex 34DFDF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#34DFDF }
```

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

```
.background{ background-color:#34DFDF }
```

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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