

Converting Colors

Hex(30FCDB)

Have a look what the booklet for
Hex(30FCDB) contains.

Hex(30FCDB)	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(30FCDB)

Conversions

Conversions Part 1

Format	Color
Hex	30FCDB
RGB	48, 252, 219
RGB Percent	19%, 99%, 86%
CMY	0.8118, 0.0118, 0.1412
CMYK	0.81, 0.00, 0.13, 0.01
HSL	170°, 97%, 59%
HSV	170°, 81%, 99%
XYZ	48.8155, 75.3637, 78.9916
YIQ	187.2420, -110.9910, -53.5110

Conversions

Conversions Part 2

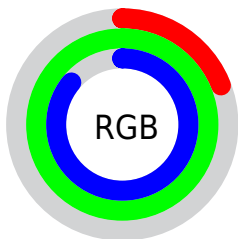
Format	Color
RYB	48, 159, 252
Decimal	3210459
CIELab	89.56, -54.60, 2.30
CIELCh	90, 54.647, 177.592
Yxy	75.3637, 0.2403, 0.3709
Android (android.graphics.Color)	4281400539 (0xFF30FCDB)
YUV	187.2420, 15.6567, -122.1152
Hunter-Lab	86.8122, -51.5489, 6.8198

Details

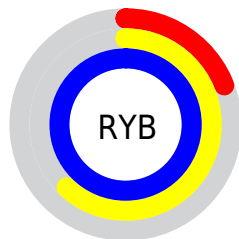
The Hex color **30FCDB** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light washed cyan. A complement of this color would be **FC3051**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **82FFFF**, and **00C2A4** is the 20% darker color. If you saturate the color by 10%, you get **17FCD7**, and if you desaturate by 10%, it is **49FCDF**.

Distribution



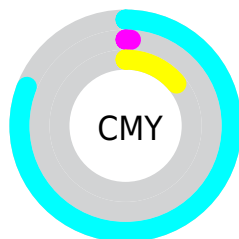
- Red (19%)
- Green (99%)
- Blue (86%)



- Red (19%)
- Yellow (62%)
- Blue (99%)



- Cyan (81%)
- Magenta (0%)
- Yellow (13%)
- Black (1%)



- Cyan (81%)
- Magenta (1%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color 30FCDB 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 30FCDB by changing the saturation by 10% instead.

 30FCDB

 30FCDB

FFFFFF

 00DFBF

 82FFFF

 00C2A4

 A3FFFF

 00A68A

 C4FFFF

 008B71

 E4FFFF

 007158

 005741

 003E2B

 002717

 000000

 30FCDB

 30FCDB

 17FCD7

 49FCDF

 00FCD3

 62FCE3

 7CFCE7

 95FCEB

 AEFCEF

 C7FCF3

 E0FCF8

 FAFCF8

 FFFCFF

Harmonies

Analogous

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



91F7A7



30FCDB



00FBFF

Triad

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



30FCDB



E0D5FF



FFCA8A

Complementary

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



30FCDB



FC3051

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.



FFBBB4



30FCDB



FFC2FF

Square

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



30FCDB



84E8FF



FFB7E7



FFDD77

Rectangle

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



30FCDB



00F8FF



FFB7E7



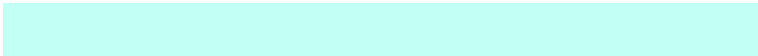
FFC496

Sweetspot

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



30FCDB



C2FFF5



52FC30



5B807A



000000



808080

Same Dimension

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



30FCDB



08FFD7



30B8FC



707D7B



00BD9E



003D33

Inverse Universe

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



FC3051



FF0830



FC7430



7D7072



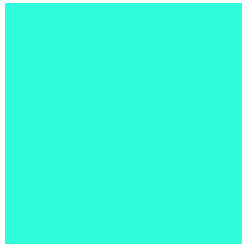
BD001F



3D000A

Previews

White Background



This preview shows how the Hex color 30FCDB looks on a white background.

Color Contrast Check

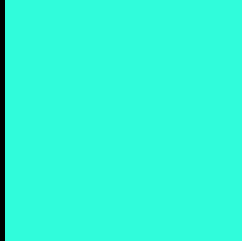
Large Text (above 18pt) WCAG AA × Fail

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 30FCDB 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 30FCDB Background



This preview shows how black text looks on a background with the Hex color 30FCDB.

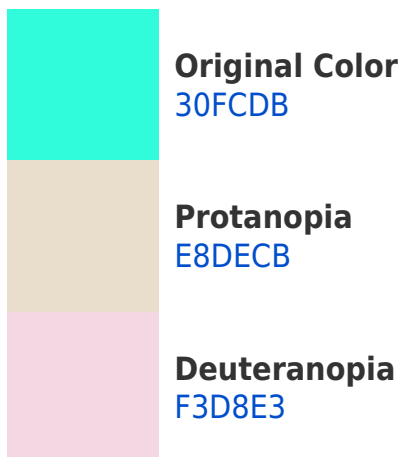


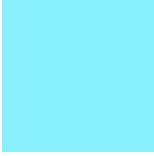
This preview shows how white text looks on a background with the Hex color 30FCDB.

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



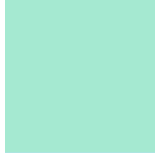


Tritanopia
89F0FF

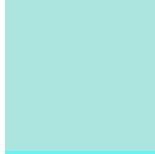
Trichromacy



Original Color
30FCDB



Protanomaly
A5E9D1



Deuteranomaly
ACE5E0

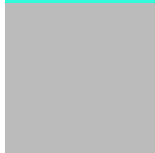


Tritanomaly
69F4F2

Monochromacy



Original Color
30FCDB



Achromatopsia
BBBBBB



Achromatomaly
88D3C7

CSS Examples

Text

The CSS property to change the color of the text to Hex 30FCDB 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 #30FCDB looks like.

```
.text, #text, p{  
    color:#30FCDB  
}
```

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 #30FCDB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #30FCDB
}
```

Border

The CSS property to change the border of an element to Hex 30FCDB 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
#30FCDB }
```

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

```
.border{ border-color:#30FCDB }
```

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

Here you see how a box with a 4 pixel #30FCDB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #30FCDB; -webkit-box-shadow:4px 4px  
4px 4px #30FCDB; box-shadow:4px 4px 4px  
4px #30FCDB }
```

Background

The CSS property to change the background color of an element to Hex 30FCDB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#30FCDB }
```

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

```
.background{ background-color:#30FCDB }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor