

Converting Colors

Hex(37FBDB)

Have a look what the booklet for
Hex(37FBDB) contains.

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Color

Hex(37FBDB)

Conversions

Conversions Part 1

Format	Color
Hex	37FBDB
RGB	55, 251, 219
RGB Percent	22%, 98%, 86%
CMY	0.7843, 0.0157, 0.1412
CMYK	0.78, 0.00, 0.13, 0.02
HSL	170°, 96%, 60%
HSV	170°, 78%, 98%
XYZ	48.8589, 74.9211, 78.9039
YIQ	188.7480, -106.5440, -51.5040

Conversions

Conversions Part 2

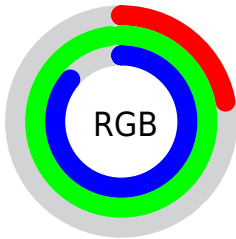
Format	Color
RYB	55, 162, 251
Decimal	3668955
CIELab	89.36, -53.59, 2.01
CIELCh	89, 53.625, 177.857
Yxy	74.9211, 0.2411, 0.3696
Android (android.graphics.Color)	4281859035 (0xFF37FBDB)
YUV	188.7480, 14.9142, -117.2970
Hunter-Lab	86.5570, -50.7165, 6.5421

Details

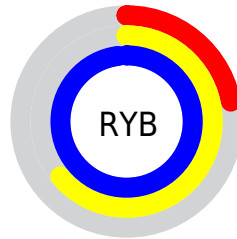
The Hex color **37FBDB** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light washed cyan. A complement of this color would be **FB3757**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **85FFFF**, and **00C1A4** is the 20% darker color. If you saturate the color by 10%, you get **1EFBD7**, and if you desaturate by 10%, it is **50FBDF**.

Distribution



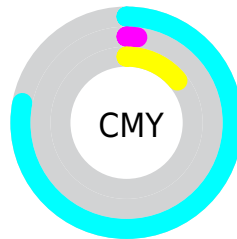
- Red (22%)
- Green (98%)
- Blue (86%)



- Red (22%)
- Yellow (64%)
- Blue (98%)



- Cyan (78%)
- Magenta (0%)
- Yellow (13%)
- Black (2%)



- Cyan (78%)
- Magenta (2%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color 37FBDB 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 37FBDB by changing the saturation by 10% instead.

 37FBDB

 37FBDB

FFFFFF

 00DEBF

 85FFFF

 00C1A4

 A6FFFF

 00A68A

 C6FFFF

 008A71

 E6FFFF

 007058

 005641

 003D2B

 002717

 000000

 37FBDB

 37FBDB

 1EFBD7

 50FBDF

 05FBD3

 69FBE3

 00FBD2

 82FBE7

 9BFBEB

 B5FBEF

 CEFBF4

 E7FBF8

 FFFBFC

 FFFBFF

Harmonies

Analogous

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



92F6A8



37FBDB



00FAFF

Triad

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



37FBDB



E0D5FF



FFCA8B

Complementary

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



37FBDB



FB3757

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.



FFBBB3



37FBDB



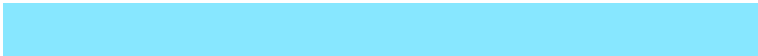
FFC2FF

Square

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



37FBDB



87E7FF



FFB7E6



FFDC78

Rectangle

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



37FBDB



00F7FF



FFB7E6



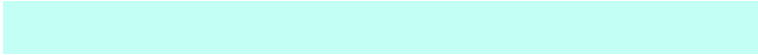
FFC497

Sweetspot

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



37FBDB



C4FFF5



58FB37



5C807A



000000



808080

Same Dimension

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



37FBDB



0FFFD8



37BAFB



707D7B



00BD9E



003D33

Inverse Universe

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



FB3757



FF0F36



FB7837



7D7072



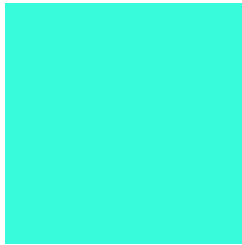
BD001F



3D000A

Previews

White Background



This preview shows how the Hex color 37FBDB looks on a white background.

Color Contrast Check

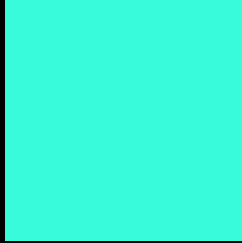
Large Text (above 18pt) WCAG AA × Fail

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 37FBDB 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

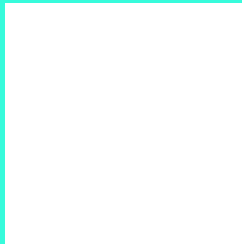
Any Text WCAG AAA ✓ Pass

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

Hex 37FBDB Background



This preview shows how black text looks on a background with the Hex color 37FBDB.



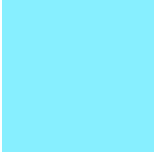
This preview shows how white text looks on a background with the Hex color 37FBDB.

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](#).

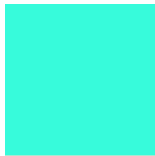
Dichromacy





Tritanopia
87EFFF

Trichromacy



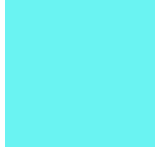
Original Color
37FBDB



Protanomaly
A7E9D1



Deuteranomaly
AEE5E0

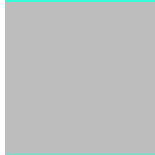


Tritanomaly
6AF3F2

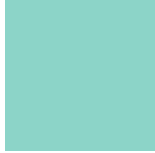
Monochromacy



Original Color
37FBDB



Achromatopsia
BDBDBD



Achromatomaly
8CD4C8

CSS Examples

Text

The CSS property to change the color of the text to Hex 37FBDB 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 #37FBDB looks like.

```
.text, #text, p{  
    color:#37FBDB  
}
```

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 #37FBDB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #37FBDB
}
```

Border

The CSS property to change the border of an element to Hex 37FBDB 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
#37FBDB }
```

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

```
.border{ border-color:#37FBDB }
```

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

Here you see how a box with a 4 pixel #37FBDB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #37FBDB; -webkit-box-shadow:4px 4px  
4px 4px #37FBDB; box-shadow:4px 4px 4px  
4px #37FBDB }
```

Background

The CSS property to change the background color of an element to Hex 37FBDB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#37FBDB }
```

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

```
.background{ background-color:#37FBDB }
```

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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