

Converting Colors

Hex(36FDFB)

Have a look what the booklet for
Hex(36FDFB) contains.

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Color

Hex(36FDFB)

Conversions

Conversions Part 1

Format	Color
Hex	36DFDB
RGB	54, 253, 251
RGB Percent	21%, 99%, 98%
CMY	0.7882, 0.0078, 0.0157
CMYK	0.79, 0.00, 0.01, 0.01
HSL	179°, 98%, 60%
HSV	179°, 79%, 99%
XYZ	54.0592, 77.9999, 103.4731
YIQ	193.2710, -117.9620, -42.8100

Conversions

Conversions Part 2

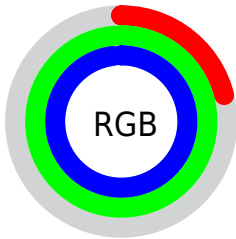
Format	Color
RYB	54, 154, 253
Decimal	3603963
CIELab	90.78, -45.99, -12.53
CIELCh	91, 47.667, 195.238
Yxy	77.9999, 0.2295, 0.3312
Android (android.graphics.Color)	4281794043 (0xFF36FDFB)
YUV	193.2710, 28.4604, -122.1407
Hunter-Lab	88.3175, -45.2958, -7.6420

Details

The Hex color **36FDFB** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light washed cyan. A complement of this color would be **FD3638**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **88FFFF**, and **00C4C3** is the 20% darker color. If you saturate the color by 10%, you get **1DFDFB**, and if you desaturate by 10%, it is **4FFDFB**.

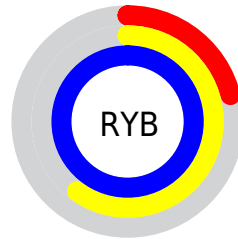
Distribution



Red (21%)

Green (99%)

Blue (98%)



Red (21%)

Yellow (60%)

Blue (99%)

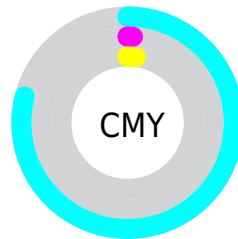


Cyan (79%)

Magenta (0%)

Yellow (1%)

Black (1%)



Cyan (79%)

Magenta (1%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color 36FDFB 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 36FDFB by changing the saturation by 10% instead.

 36DFDB

 36DFDB

FFFFFF

 00E0DE

 88FFFF

 00C4C3

 A9FFFF

 00A8A7

 CAFFFF

 008D8D

 EAFFFF

 007274

 00595B

 004044

 002B2D

 00071A

 36FDFB

 36FDFB

 1DFDFB

 4FFDFB

 03FDFA

 69FDFC

 00FDFA

 82FDFC

 9BFDFC

 B5FDFC

 CEFD FD

 E7FD FD

 FFFD FD

Harmonies

Analogous

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



7DFBCC



36DFDB



1EF9FF

Triad

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



36DFB



FFD0FF



FFDA8C

Complementary

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



36DFB



FD3638

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.



FFCBA6



36DFDB



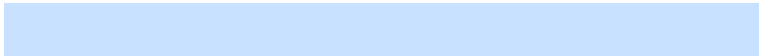
FFC4FD

Square

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



36DFDB



C8E1FF



FFC1CF



EBE98B

Rectangle

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



36DFDB



5CF4FF



FFC1CF



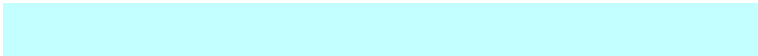
FFD592

Sweetspot

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



36DFDB



C2FFFE



39FD36



5B807F



000000



808080

Same Dimension

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



36FDFB



0FFFFD



369DFD



73807F



00BFBD



00403F

Inverse Universe

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



FD3638



FF0F12



FD9636



807373



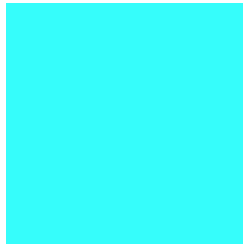
BF0002



400001

Previews

White Background



This preview shows how the Hex color 36DFDB looks on a white background.

Color Contrast Check

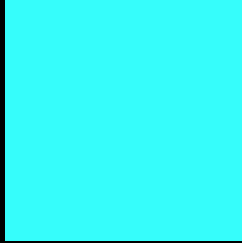
Large Text (above 18pt) WCAG AA × Fail

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 36FDFB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

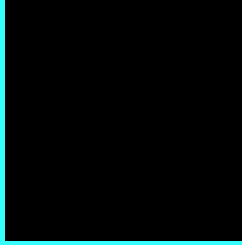
Any Text WCAG AA ✓ Pass

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 36DFDB Background



This preview shows how black text looks on a background with the Hex color 36DFDB.



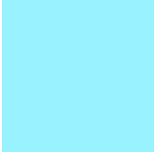
This preview shows how white text looks on a background with the Hex color 36DFDB.

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](#).

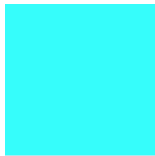
Dichromacy



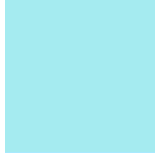


Tritanopia
99F2FF

Trichromacy



Original Color
36FDFB



Protanomaly
A5EBF0



Deuteranomaly
A8E9FE

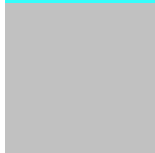


Tritanomaly
75F6FE

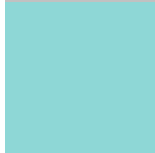
Monochromacy



Original Color
36FDFB



Achromatopsia
C1C1C1



Achromatomaly
8ED7D6

CSS Examples

Text

The CSS property to change the color of the text to Hex 36FDFB 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 #36FDFB looks like.

```
.text, #text, p{  
    color:#36FDFB  
}
```

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 #36FDFB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #36FDFB
}
```

Border

The CSS property to change the border of an element to Hex 36FDFB 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
#36FDFB }
```

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

```
.border{ border-color:#36DFDB }
```

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

Here you see how a box with a 4 pixel #36DFDB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #36DFDB; -webkit-box-shadow:4px 4px  
4px 4px #36DFDB; box-shadow:4px 4px 4px  
4px #36DFDB }
```

Background

The CSS property to change the background color of an element to Hex 36FDFB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#36FDFB }
```

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

```
.background{ background-color:#36FDFB }
```

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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