

Converting Colors

Hex(35FDF4)

Have a look what the booklet for
Hex(35FDF4) contains.

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Color

Hex(35FDF4)

Conversions

Conversions Part 1

Format	Color
Hex	35FDF4
RGB	53, 253, 244
RGB Percent	21%, 99%, 96%
CMY	0.7922, 0.0078, 0.0431
CMYK	0.79, 0.00, 0.04, 0.01
HSL	177°, 98%, 60%
HSV	177°, 79%, 99%
XYZ	52.9226, 77.5391, 97.7652
YIQ	192.1740, -116.3110, -45.1990

Conversions

Conversions Part 2

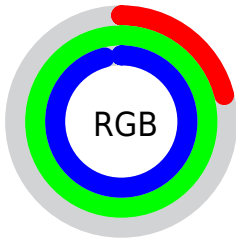
Format	Color
RYB	53, 155, 253
Decimal	3538420
CIELab	90.57, -48.01, -9.21
CIELCh	91, 48.882, 190.857
Yxy	77.5391, 0.2319, 0.3397
Android (android.graphics.Color)	4281728500 (0xFF35FDF4)
YUV	192.1740, 25.5502, -122.0556
Hunter-Lab	88.0563, -46.8184, -4.1878

Details

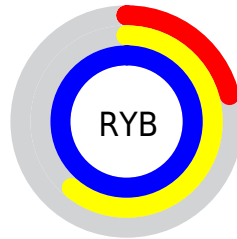
The Hex color **35FDF4** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light washed cyan. A complement of this color would be **FD353E**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **86FFFF**, and **00C4BC** is the 20% darker color. If you saturate the color by 10%, you get **1CFDF3**, and if you desaturate by 10%, it is **4EFDF5**.

Distribution



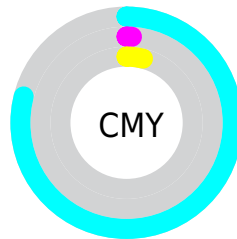
- Red (21%)
- Green (99%)
- Blue (96%)



- Red (21%)
- Yellow (61%)
- Blue (99%)



- Cyan (79%)
- Magenta (0%)
- Yellow (4%)
- Black (1%)



- Cyan (79%)
- Magenta (1%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color 35FDF4 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 35FDF4 by changing the saturation by 10% instead.

 35DFD4

 35DFD4

FFFFFF

 00E0D8

 86FFFF

 00C4BC

 A8FFFF


 00A8A1

 C9FFFF

 008D87

 E9FFFF

 00726E

 005955

 00403E

 002A28

 000515

 35FDF4

 35FDF4

 1CFDF3

 4EFDF5

 02FDF2

 68FDF6

 00FDF2

 81FDF7

 9AFDF9

 B4FDFA

 CDFDFB

 E6FDFC

 FFFDFD

 FFFDFE

Harmonies

Analogous

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



83FBC4



35DFD4



00FAFF

Triad

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



35DF4



FFD2FF



FFD78C

Complementary

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



35DF4



FD353E

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.



FFC7A9



35DF4



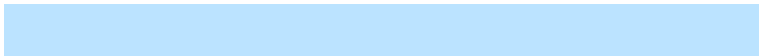
FFC3FF

Square

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



35DFD4



BBE3FF



FFBFD5



F2E786

Rectangle

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



35DF4



43F5FF



FFBFD5



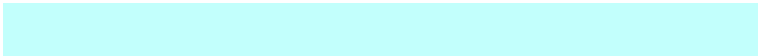
FFD193

Sweetspot

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



35FDF4



C2FFFC



3FFD35



5B807E



000000



808080

Same Dimension

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



35DFD4



0DFFF4



35A3FD



73807F



00BFB7



00403D

Inverse Universe

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



FD353E



FF0D18



FD8F35



807373



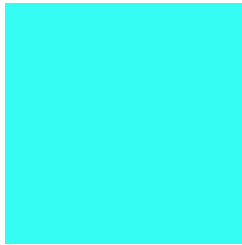
BF0009



400003

Previews

White Background



This preview shows how the Hex color 35FDF4 looks on a white background.

Color Contrast Check

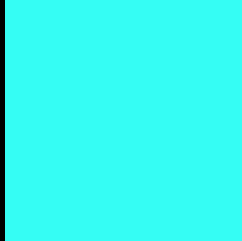
Large Text (above 18pt) WCAG AA × Fail

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 35FDF4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

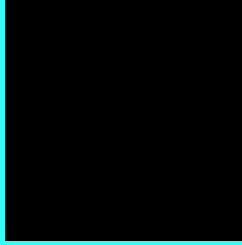
Any Text WCAG AA ✓ Pass

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 35FDF4 Background



This preview shows how black text looks on a background with the Hex color 35FDF4.

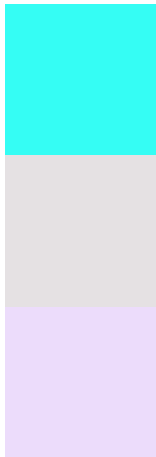


This preview shows how white text looks on a background with the Hex color 35FDF4.

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](#).

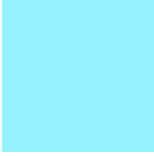
Dichromacy



Original Color
35FDF4

Protanopia
E5E1E3

Deuteranopia
ECDCFB

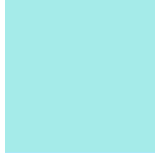


Tritanopia
96F1FF

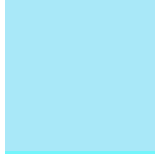
Trichromacy



Original Color
35FDF4



Protanomaly
A5EBE9



Deuteranomaly
A9E8F8

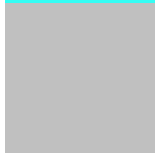


Tritanomaly
73F5FB

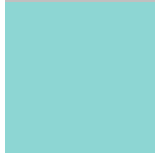
Monochromacy



Original Color
35FDF4



Achromatopsia
C0C0C0



Achromatomaly
8DD6D3

CSS Examples

Text

The CSS property to change the color of the text to Hex 35FDF4 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 #35FDF4 looks like.

```
.text, #text, p{  
    color:#35FDF4  
}
```

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 #35FDF4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #35FDF4  
}
```

Border

The CSS property to change the border of an element to Hex 35FDF4 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  
#35FDF4 }
```

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

```
.border{ border-color:#35FDF4 }
```

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

Here you see how a box with a 4 pixel #35FDF4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #35FDF4; -webkit-box-shadow:4px 4px  
4px 4px #35FDF4; box-shadow:4px 4px 4px  
4px #35FDF4 }
```

Background

The CSS property to change the background color of an element to Hex 35FDF4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#35FDF4 }
```

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

```
.background{ background-color:#35FDF4 }
```

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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