

Converting Colors

Hex(37F2CF)

Have a look what the booklet for
Hex(37F2CF) contains.

Hex(37F2CF)	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(37F2CF)

Conversions

Conversions Part 1

Format	Color
Hex	37F2CF
RGB	55, 242, 207
RGB Percent	22%, 95%, 81%
CMY	0.7843, 0.0510, 0.1882
CMYK	0.77, 0.00, 0.14, 0.05
HSL	169°, 88%, 58%
HSV	169°, 77%, 95%
XYZ	44.5902, 68.8215, 69.9652
YIQ	182.0970, -100.2170, -50.5290

Conversions

Conversions Part 2

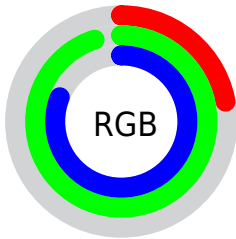
Format	Color
R_{YB}	55, 158, 242
Decimal	3666639
CIE _{Lab}	86.42, -52.94, 3.99
CIE _{LCh}	86, 53.086, 175.686
Y _{xy}	68.8215, 0.2432, 0.3753
Android (android.graphics.Color)	4281856719 (0xFF37F2CF)
YUV	182.0970, 12.2772, -111.4641
Hunter-Lab	82.9587, -49.2343, 8.0675

Details

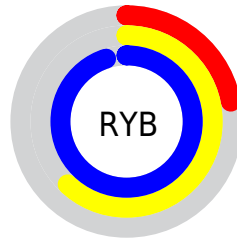
The Hex color **37F2CF** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light washed cyan. A complement of this color would be **F2375A**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **83FFFF**, and **00B999** is the 20% darker color. If you saturate the color by 10%, you get **1FF2CA**, and if you desaturate by 10%, it is **4FF2D4**.

Distribution



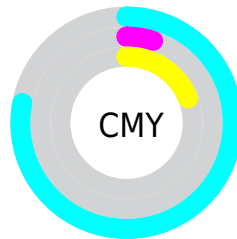
- Red (22%)
- Green (95%)
- Blue (81%)



- Red (22%)
- Yellow (62%)
- Blue (95%)



- Cyan (77%)
- Magenta (0%)
- Yellow (14%)
- Black (5%)



- Cyan (78%)
- Magenta (5%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color 37F2CF 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 37F2CF by changing the saturation by 10% instead.

 37F2CF

FFFFFF

 83FFFF

 A4FFFF

 C3FFFF

 E3FFFF

 37F2CF

 00D5B4

 00B999

 009D7F

 008266

 00684E

 004F37

 003622

 001F0C

 000000

 37F2CF

 37F2CF

 1FF2CA

 4FF2D4

 07F2C6

 67F2D8

 00F2C5

 80F2DD

 98F2E1

 B0F2E6

 C8F2EA

 E0F2EF

 F9F2F3

 FFF2F8

Harmonies

Analogous

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



90ED9E



37F2CF



00F2FF

Triad

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



37F2CF



D2CEFF



FFC187

Complementary

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



37F2CF



F2375A

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.



FFB3AF



37F2CF



FFBBFF

Square

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



37F2CF



77E0FF



FFB0E2



FED372

Rectangle

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



37F2CF



00EFFF



FFB0E2



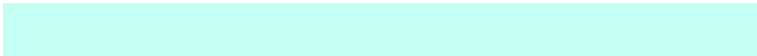
FFBB92

Sweetspot

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



37F2CF



C4FFF4



5CF237



5C8079



000000



808080

Same Dimension

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



37F2CF



12FFD3



37BAF2



6C7876



00B895



00382E

Inverse Universe

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



F2375A



FF123E



F26F37



786C6E



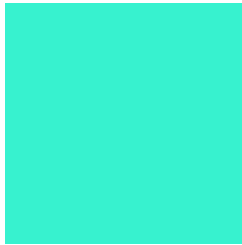
B80022



38000B

Previews

White Background



This preview shows how the Hex color 37F2CF looks on a white background.

Color Contrast Check

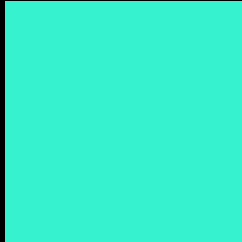
Large Text (above 18pt) WCAG AA × Fail

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 37F2CF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

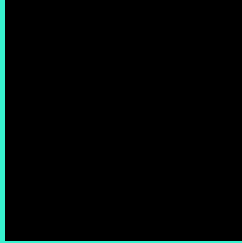
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

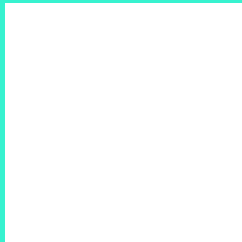
Any Text WCAG AAA ✓ Pass

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

Hex 37F2CF Background



This preview shows how black text looks on a background with the Hex color 37F2CF.



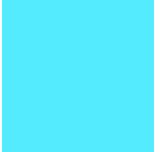
This preview shows how white text looks on a background with the Hex color 37F2CF.

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
54EBFE

Trichromacy



Original Color
37F2CF



Protanomaly
A2E0C5



Deuteranomaly
AADC4

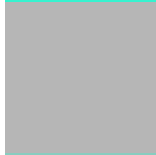


Tritanomaly
49EEED

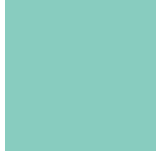
Monochromacy



Original Color
37F2CF



Achromatopsia
B6B6B6



Achromatomaly
88CCBF

CSS Examples

Text

The CSS property to change the color of the text to Hex 37F2CF 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 #37F2CF looks like.

```
.text, #text, p{  
    color:#37F2CF  
}
```

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 #37F2CF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #37F2CF
}
```

Border

The CSS property to change the border of an element to Hex 37F2CF 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
#37F2CF }
```

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

```
.border{ border-color:#37F2CF }
```

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

Here you see how a box with a 4 pixel #37F2CF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #37F2CF; -webkit-box-shadow:4px 4px  
4px 4px #37F2CF; box-shadow:4px 4px 4px  
4px #37F2CF }
```

Background

The CSS property to change the background color of an element to Hex 37F2CF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#37F2CF }
```

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

```
.background{ background-color:#37F2CF }
```

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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