

Converting Colors

Hex(37FFD2)

Have a look what the booklet for
Hex(37FFD2) contains.

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Color

Hex(37FFD2)

Conversions

Conversions Part 1

Format	Color
Hex	37FFD2
RGB	55, 255, 210
RGB Percent	22%, 100%, 82%
CMY	0.7843, 0.0000, 0.1765
CMYK	0.78, 0.00, 0.18, 0.00
HSL	166°, 100%, 61%
HSV	166°, 78%, 100%
XYZ	48.9684, 76.9854, 73.2515
YIQ	190.0700, -104.7550, -56.3950

Conversions

Conversions Part 2

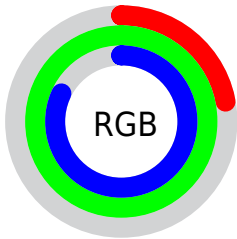
Format	Color
RYB	55, 168, 255
Decimal	3669970
CIELab	90.31, -57.42, 8.06
CIELCh	90, 57.984, 172.015
Yxy	76.9854, 0.2458, 0.3865
Android (android.graphics.Color)	4281860050 (0xFF37FFD2)
YUV	190.0700, 9.8255, -118.4564
Hunter-Lab	87.7413, -53.9265, 11.9202

Details

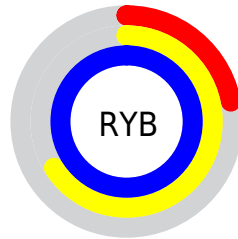
The Hex color **37FFD2** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light washed cyan. A complement of this color would be **FF3764**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **85FFFF**, and **00C59C** is the 20% darker color. If you saturate the color by 10%, you get **1DFFCC**, and if you desaturate by 10%, it is **51FFD8**.

Distribution



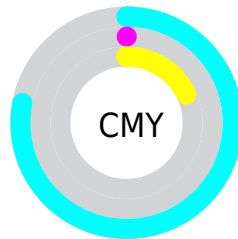
- Red (22%)
- Green (100%)
- Blue (82%)



- Red (22%)
- Yellow (66%)
- Blue (100%)



- Cyan (78%)
- Magenta (0%)
- Yellow (18%)
- Black (0%)



- Cyan (78%)
- Magenta (0%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 37FFD2 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 37FFD2 by changing the saturation by 10% instead.

 37FFD2

 37FFD2

FFFFFF

 00E2B6

 85FFFF

 00C59C

 A6FFFF

 00A982

 C7FFFF


 008E68

 E6FFFF

 007350

 005939

 004024

 00290F

 000200

 37FFD2

 37FFD2

 1DFFCC

 51FFD8

 04FFC7

 6AFFDD

 00FFC6

 84FFE3

 9DFFE9

 B6FFE7

 D0FFF4

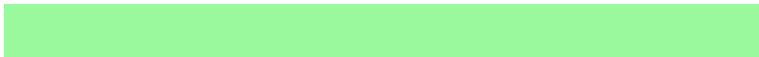
 EAFFFA

FFFFFF

Harmonies

Analogous

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



9BF99D



37FFD2



00FFFF

Triad

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



37FFD2



D1DAFF



FFC78E

Complementary

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



37FFD2



FF3764

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.



FFB8BD



37FFD2



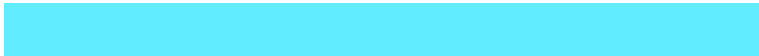
FFC5FF

Square

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



37FFD2



61EDFF



FFB7F5



FFDB73

Rectangle

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



37FFD2



00DFFF



FFB7F5



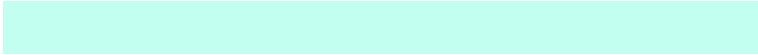
FFC19C

Sweetspot

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



37FFD2



C2FFF1



66FF37



5B8077



000000



808080

Same Dimension

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



37FFD2



0FFFC9



37CAFF



73807D



00BF94



004031

Inverse Universe

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



FF3764



FF0F45



FF6C37



807376



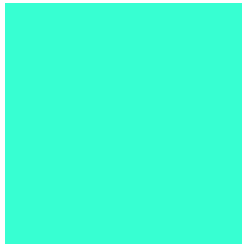
BF002B



40000E

Previews

White Background



This preview shows how the Hex color 37FFD2 looks on a white background.

Color Contrast Check

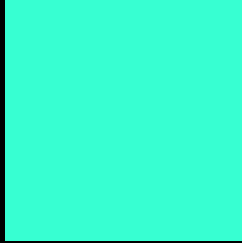
Large Text (above 18pt) WCAG AA × Fail

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 37FFD2 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 37FFD2 Background



This preview shows how black text looks on a background with the Hex color 37FFD2.

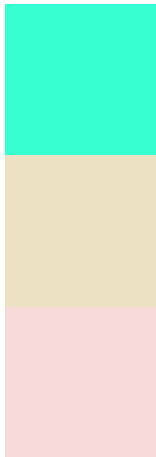


This preview shows how white text looks on a background with the Hex color 37FFD2.

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](#).

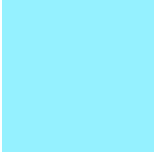
Dichromacy



Original Color
37FFD2

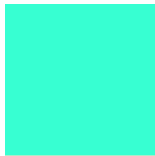
Protanopia
ECE1C2

Deuteranopia
F9DADA

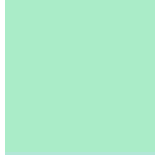


Tritanopia
95F1FF

Trichromacy



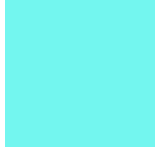
Original Color
37FFD2



Protanomaly
AAECC8



Deuteranomaly
B2E7D7

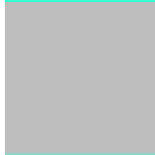


Tritanomaly
73F6EF

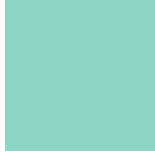
Monochromacy



Original Color
37FFD2



Achromatopsia
BEBEBE



Achromatomaly
8DD6C5

CSS Examples

Text

The CSS property to change the color of the text to Hex 37FFD2 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 #37FFD2 looks like.

```
.text, #text, p{  
    color:#37FFD2  
}
```

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 #37FFD2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #37FFD2
}
```

Border

The CSS property to change the border of an element to Hex 37FFD2 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
#37FFD2 }
```

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

```
.border{ border-color:#37FFD2 }
```

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

Here you see how a box with a 4 pixel #37FFD2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #37FFD2; -webkit-box-shadow:4px 4px  
4px 4px #37FFD2; box-shadow:4px 4px 4px  
4px #37FFD2 }
```

Background

The CSS property to change the background color of an element to Hex 37FFD2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#37FFD2 }
```

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

```
.background{ background-color:#37FFD2 }
```

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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