

Converting Colors

Hex(36FF97)

Have a look what the booklet for
Hex(36FF97) contains.

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Color

Hex(36FF97)

Conversions

Conversions Part 1

Format	Color
Hex	36FF97
RGB	54, 255, 151
RGB Percent	21%, 100%, 59%
CMY	0.7882, 0.0000, 0.4078
CMYK	0.79, 0.00, 0.41, 0.00
HSL	149°, 100%, 61%
HSV	149°, 79%, 100%
XYZ	42.8672, 74.5386, 41.4062
YIQ	183.0450, -86.4120, -74.9560

Conversions

Conversions Part 2

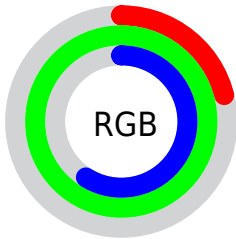
Format	Color
RYB	54, 190, 255
Decimal	3604375
CIELab	89.18, -69.91, 36.44
CIELCh	89, 78.833, 152.468
Yxy	74.5386, 0.2699, 0.4694
Android (android.graphics.Color)	4281794455 (0xFF36FF97)
YUV	183.0450, -15.7982, -113.1725
Hunter-Lab	86.3358, -62.4592, 31.9998

Details

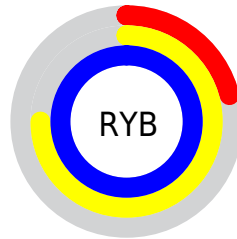
The Hex color **36FF97** is a light color, and the websafe version is hex **33FF99**. The color can be described as light washed spring green. A complement of this color would be **FF369E**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **84FFCE**, and **00C563** is the 20% darker color. If you saturate the color by 10%, you get **1CFF8A**, and if you desaturate by 10%, it is **50FFA4**.

Distribution



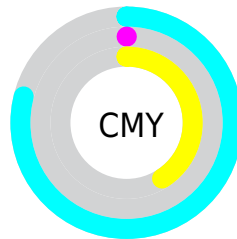
- Red (21%)
- Green (100%)
- Blue (59%)



- Red (21%)
- Yellow (75%)
- Blue (100%)



- Cyan (79%)
- Magenta (0%)
- Yellow (41%)
- Black (0%)



- Cyan (79%)
- Magenta (0%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 36FF97 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 36FF97 by changing the saturation by 10% instead.

 36FF97

FFFFFF

 84FFCE

 A4FFEB

 C4FFFF

 E4FFFF

 36FF97

 00E27C

 00C563

 00A94A

 008D31

 007218

 005800

 003F00

 002600

 000000

 36FF97

 36FF97

 1CFF8A

 50FFA4

 03FF7D

 69FFB1

 00FF7B

 83FFBF

 9CFFCC

 B5FFD9

 CFFFE6

 E9FFF3

FFFFFF

Harmonies

Analogous

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



B5F357



36FF97



00FE4

Triad

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



36FF97



16E7FF



FFA594

Complementary

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



36FF97



FF369E

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.



FF99DD



36FF97



EAC9FF

Square

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



36FF97



00FAFF



FFAAFF



FFC258

Rectangle

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



36FF97



00FFFF



FFAAFF



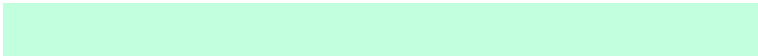
FF9FAB

Sweetspot

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



36FF97



C2FFDF



A1FF36



5B806C



000000



808080

Same Dimension

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



36FF97



0DFF82



36FFF8



738079



00BF5C



00401F

Inverse Universe

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



FF369E



FF0D8A



FF363D



807379



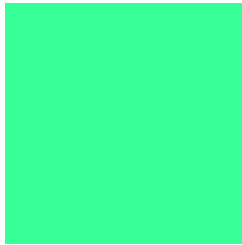
BF0063



400021

Previews

White Background



This preview shows how the Hex color 36FF97 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 36FF97 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

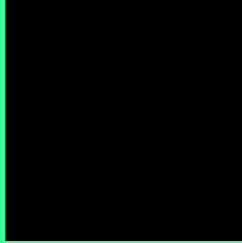
Any Text WCAG AA ✓ Pass

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 36FF97 Background



This preview shows how black text looks on a background with the Hex color 36FF97.

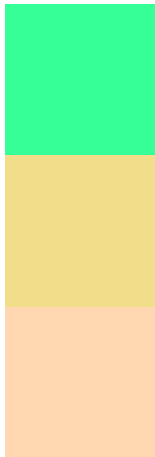


This preview shows how white text looks on a background with the Hex color 36FF97.

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](#).

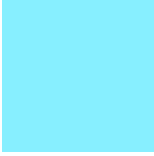
Dichromacy



Original Color
36FF97

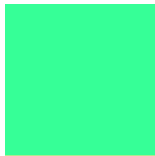
Protanopia
F2DE8A

Deuteranopia
FFD7B0



Tritanopia
87EFFF

Trichromacy



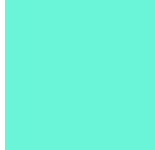
Original Color
36FF97



Protanomaly
AEEA8F

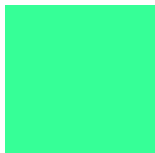


Deuteranomaly
B6E6A7



Tritanomaly
6AF5D9

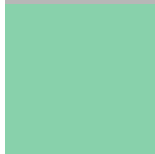
Monochromacy



Original Color
36FF97



Achromatopsia
B7B7B7



Achromatomaly
88D1AB

CSS Examples

Text

The CSS property to change the color of the text to Hex 36FF97 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 #36FF97 looks like.

```
.text, #text, p{  
    color:#36FF97  
}
```

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 #36FF97 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #36FF97
}
```

Border

The CSS property to change the border of an element to Hex 36FF97 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
#36FF97 }
```

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

```
.border{ border-color:#36FF97 }
```

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

Here you see how a box with a 4 pixel #36FF97 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #36FF97; -webkit-box-shadow:4px 4px  
4px 4px #36FF97; box-shadow:4px 4px 4px  
4px #36FF97 }
```

Background

The CSS property to change the background color of an element to Hex 36FF97 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#36FF97 }
```

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

```
.background{ background-color:#36FF97 }
```

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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