

Converting Colors

Hex(38FF6D)

Have a look what the booklet for
Hex(38FF6D) contains.

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Color

Hex(38FF6D)

Conversions

Conversions Part 1

Format	Color
Hex	38FF6D
RGB	56, 255, 109
RGB Percent	22%, 100%, 43%
CMY	0.7804, 0.0000, 0.5725
CMYK	0.78, 0.00, 0.57, 0.00
HSL	136°, 100%, 61%
HSV	136°, 78%, 100%
XYZ	40.1512, 73.4649, 26.5320
YIQ	178.8550, -71.7380, -87.5940

Conversions

Conversions Part 2

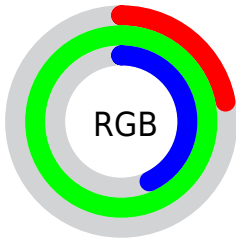
Format	Color
RYB	56, 213, 255
Decimal	3735405
CIELab	88.67, -75.99, 55.54
CIELCh	89, 94.128, 143.837
Yxy	73.4649, 0.2865, 0.5242
Android (android.graphics.Color)	4281925485 (0xFF38FF6D)
YUV	178.8550, -34.4385, -107.7438
Hunter-Lab	85.7117, -66.3780, 41.6450

Details

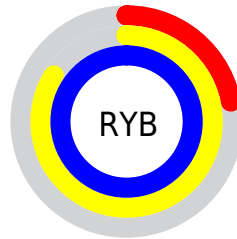
The Hex color **38FF6D** is a dark color, and the websafe version is hex **33FF66**. The color can be described as middle washed spring green. A complement of this color would be **FF38CA**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **86FFA4**, and **00C536** is the 20% darker color. If you saturate the color by 10%, you get **1EFF5A**, and if you desaturate by 10%, it is **52FF80**.

Distribution



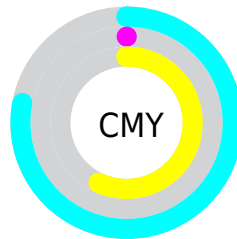
- Red (22%)
- Green (100%)
- Blue (43%)



- Red (22%)
- Yellow (84%)
- Blue (100%)



- Cyan (78%)
- Magenta (0%)
- Yellow (57%)
- Black (0%)



- Cyan (78%)
- Magenta (0%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 38FF6D 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 38FF6D by changing the saturation by 10% instead.

 38FF6D

 38FF6D

FFFFFF

 00E252

 86FFA4

 00C536

 A7FFC0

 00A817

 C7FFDD

 008D00

 E7FFFA

 007200

 005700

 003F00

 002400

 000000

 38FF6D

 38FF6D

 1EFF5A

 52FF80

 05FF48

 6BFF92

 00FF44

 84FFA5

 9EFFB8

 B7FFCB

 D1FFDD

 EBFFF0

FFFFFF

Harmonies

Analogous

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



C4EF03



38FF6D



00FFC8

Triad

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



38FF6D



00EFFF



FF899C

Complementary

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



38FF6D



FF38CA

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.



FF83F5



38FF6D



B6CFFF

Square

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



38FF6D



00FFFF



FFA4FF



FFAF4A

Rectangle

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



38FF6D



00FFFF



FFA4FF



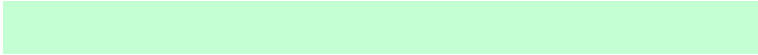
FF82B9

Sweetspot

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



38FF6D



C4FFD4



CDFF38



5C8065



000000



808080

Same Dimension

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



38FF6D



0FFF4F



38FFCD



738076



00BF33



004011

Inverse Universe

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



FF38CA



FF0FBF



FF386A



80737C



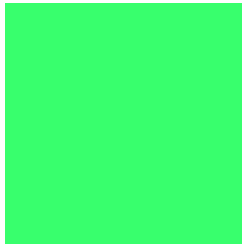
BF008C



40002F

Previews

White Background



This preview shows how the Hex color 38FF6D looks on a white background.

Color Contrast Check

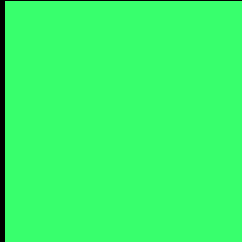
Large Text (above 18pt) WCAG AA × Fail

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 38FF6D 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 38FF6D Background



This preview shows how black text looks on a background with the Hex color 38FF6D.

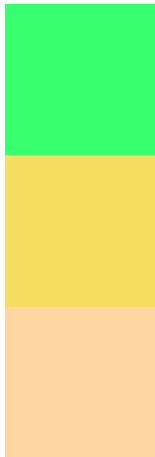


This preview shows how white text looks on a background with the Hex color 38FF6D.

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](#).

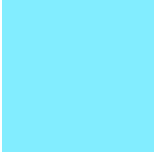
Dichromacy



Original Color
38FF6D

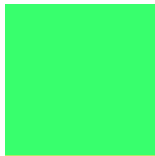
Protanopia
F5DD62

Deuteranopia
FFD5A1



Tritanopia
82EDFF

Trichromacy



Original Color

38FF6D



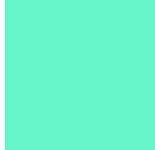
Protanomaly

B0E966



Deuteranomaly

B7E48E



Tritanomaly

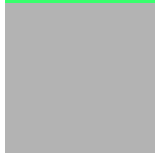
67F4CA

Monochromacy



Original Color

38FF6D



Achromatopsia

B3B3B3



Achromatomaly

86CF9A

CSS Examples

Text

The CSS property to change the color of the text to Hex 38FF6D 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 #38FF6D looks like.

```
.text, #text, p{  
    color:#38FF6D  
}
```

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 #38FF6D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #38FF6D
}
```

Border

The CSS property to change the border of an element to Hex 38FF6D 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
#38FF6D }
```

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

```
.border{ border-color:#38FF6D }
```

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

Here you see how a box with a 4 pixel #38FF6D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #38FF6D; -webkit-box-shadow:4px 4px  
4px 4px #38FF6D; box-shadow:4px 4px 4px  
4px #38FF6D }
```

Background

The CSS property to change the background color of an element to Hex 38FF6D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#38FF6D }
```

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

```
.background{ background-color:#38FF6D }
```

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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