

# Converting Colors

Hex(40F979)

Have a look what the booklet for  
Hex(40F979) contains.

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**Color**

**Hex(40F979)**

# Conversions

## Conversions Part 1

Format	Color
Hex	40F979
RGB	64, 249, 121
RGB Percent	25%, 98%, 47%
CMY	0.7490, 0.0235, 0.5255
CMYK	0.74, 0.00, 0.51, 0.02
HSL	138°, 94%, 61%
HSV	138°, 74%, 98%
XYZ	39.4412, 70.2218, 29.5646
YIQ	179.0930, -69.1720, -79.0280

# Conversions

## Conversions Part 2

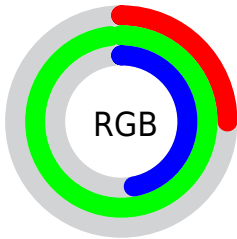
<b>Format</b>	<b>Color</b>
<b>RYB</b>	64, 205, 249
Decimal	4258169
CIELab	87.11, -71.48, 48.26
CIElCh	87, 86.245, 145.975
Yxy	70.2218, 0.2833, 0.5044
Android (android.graphics.Color)	4282448249 (0xFF40F979)
YUV	179.0930, -28.6398, -100.9366
Hunter-Lab	83.7985, -62.6331, 37.7411

# Details

The Hex color **40F979** 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 **F940C0**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **89FFB0**, and **00BF44** is the 20% darker color. If you saturate the color by 10%, you get **27F968**, and if you desaturate by 10%, it is **59F98A**.

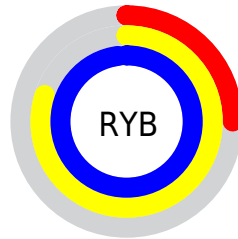
# Distribution



Red (25%)

Green (98%)

Blue (47%)



Red (25%)

Yellow (80%)

Blue (98%)

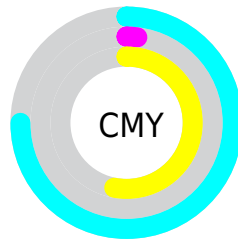


Cyan (74%)

Magenta (0%)

Yellow (51%)

Black (2%)



Cyan (75%)

Magenta (2%)

Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 40F979 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 40F979 by changing the saturation by 10% instead.



 40F979

FFFFFF

 89FFB0

 A9FFCC

 C8FFE8

 E8FFFF

 40F979

 00DC5F

 00BF44

 00A32A

 008708

 006D00

 005200

 003B00

 002000

 000000

 40F979

 40F979

 27F968

 59F98A

 0EF957

 72F99B

 00F94D

 8BF9AD

 A4F9BE

 BCF9CF

 D5F9E0

 EEF9F2

 FFF9FF

# Harmonies

## Analogous

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



BDEB30



40F979



00FFCC

# Triad

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



40F979



00E7FF



FF9197

# Complementary

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



40F979



F940C0

# 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.



FF8AE9



40F979



C4C9FF

# Square

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



40F979



00F9FF



FFA4FF



FFB250

# Rectangle

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



40F979



00FFFF



FFA4FF



FF8BB2

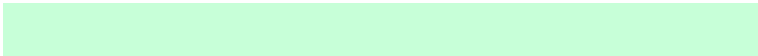


# Sweetspot

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



40F979



C7FFD8



C1F940



5E8069



000000



808080



# Same Dimension

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



40F979



1CFF62



40F9D4



707D74



00BD3A



003D13



# Inverse Universe

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



F940C0



FF1CB9



F94065



7D7079



BD0083

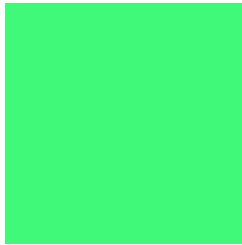


3D002A



# Previews

## White Background



This preview shows how the Hex color 40F979 looks on a white background.

## Color Contrast Check

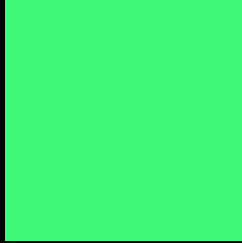
Large Text (above 18pt) WCAG AA × Fail

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 40F979 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 40F979 Background



This preview shows how black text looks on a background with the Hex color 40F979.

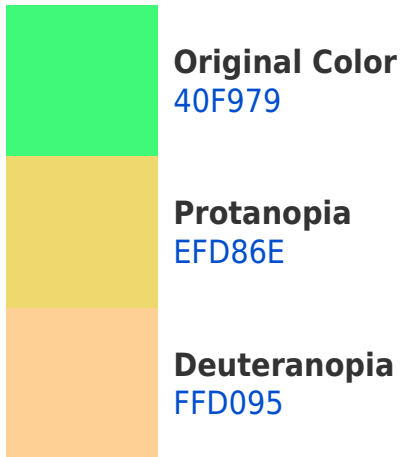


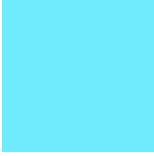
This preview shows how white text looks on a background with the Hex color 40F979.

# 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**  
70EBFE

# Trichromacy



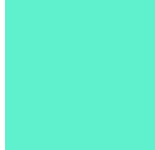
**Original Color**  
40F979



**Protanomaly**  
AFE472



**Deuteranomaly**  
BADF8B

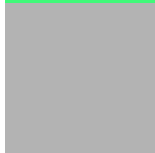


**Tritanomaly**  
5FF0CE

# Monochromacy



**Original Color**  
40F979



**Achromatopsia**  
B3B3B3



**Achromatomaly**  
89CC9E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 40F979 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 #40F979 looks like.

```
.text, #text, p{  
    color:#40F979  
}
```

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 #40F979 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #40F979
}
```

## Border

The CSS property to change the border of an element to Hex 40F979 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
#40F979 }
```

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

```
.border{ border-color:#40F979 }
```

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

Here you see how a box with a 4 pixel #40F979 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #40F979; -webkit-box-shadow:4px 4px  
4px 4px #40F979; box-shadow:4px 4px 4px  
4px #40F979 }
```

# Background

The CSS property to change the background color of an element to Hex 40F979 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#40F979 }
```

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

```
.background{ background-color:#40F979 }
```

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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