

Converting Colors

Hex(40F07F)

Have a look what the booklet for
Hex(40F07F) contains.

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Color

Hex(40F07F)

Conversions

Conversions Part 1

Format	Color
Hex	40F07F
RGB	64, 240, 127
RGB Percent	25%, 94%, 50%
CMY	0.7490, 0.0588, 0.5020
CMYK	0.73, 0.00, 0.47, 0.06
HSL	141°, 85%, 60%
HSV	141°, 73%, 94%
XYZ	37.1052, 64.9425, 30.6582
YIQ	174.4940, -68.6230, -72.4550

Conversions

Conversions Part 2

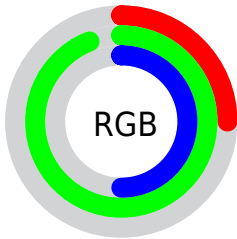
Format	Color
RYB	64, 194, 240
Decimal	4255871
CIELab	84.45, -67.56, 42.11
CIElCh	84, 79.612, 148.066
Yxy	64.9425, 0.2796, 0.4894
Android (android.graphics.Color)	4282445951 (0xFF40F07F)
YUV	174.4940, -23.4145, -96.9032
Hunter-Lab	80.5869, -58.8390, 33.8548

Details

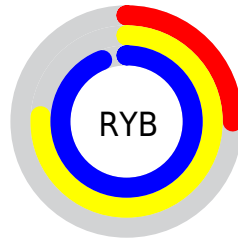
The Hex color **40F07F** is a dark color, and the websafe version is hex **33FF99**. The color can be described as middle washed spring green. A complement of this color would be **F040B1**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **87FFB5**, and **00B64B** is the 20% darker color. If you saturate the color by 10%, you get **28F070**, and if you desaturate by 10%, it is **58F08E**.

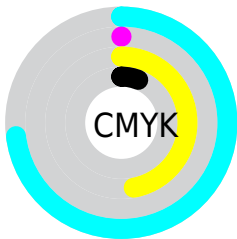
Distribution



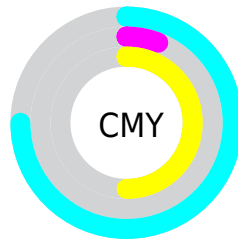
- Red (25%)
- Green (94%)
- Blue (50%)



- Red (25%)
- Yellow (76%)
- Blue (94%)



- Cyan (73%)
- Magenta (0%)
- Yellow (47%)
- Black (6%)



- Cyan (75%)
- Magenta (6%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 40F07F 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 40F07F by changing the saturation by 10% instead.

 40F07F

FFFFFF

 87FFB5

 A6FFD1

 C6FFEE

 E5FFFF

 40F07F

 00D365

 00B64B

 009B32

 007F17

 006500

 004B00

 003400

 001800

 000000

 40F07F

 40F07F

 28F070

 58F08E

 10F060

 70F09E

 00F056

 88F0AD

 A0F0BD

 B8F0CC

 D0F0DB

 E8F0EB

 FFF0FA

 FFF0FF

Harmonies

Analogous

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



B3E340



40F07F



00F6CB

Triad

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



40F07F



00DDFF



FF9391

Complementary

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



40F07F



F040B1

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.



FF8BDB



40F07F



CAC1FF

Square

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



40F07F



00EEFF



FFA0FF



FFB051

Rectangle

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



40F07F



00F7FF



FFA0FF



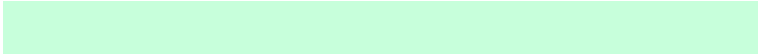
FF8DA9

Sweetspot

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



40F07F



C7FFDB



B2F040



5E806A



000000



808080

Same Dimension

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



40F07F



1FFF6F



40F0D6



6C7870



00B842



003814

Inverse Universe

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



F040B1



FF1FAF



F0405A



786C74



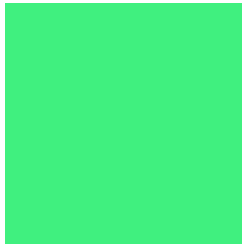
B80076



380024

Previews

White Background



This preview shows how the Hex color 40F07F looks on a white background.

Color Contrast Check

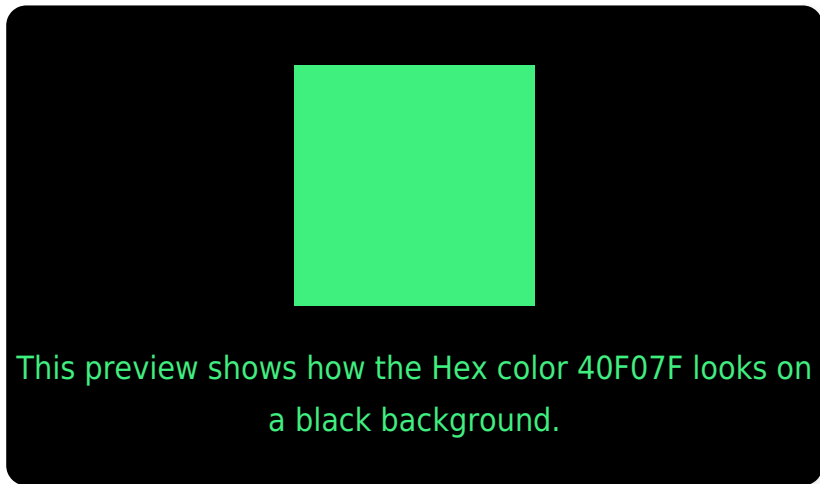
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

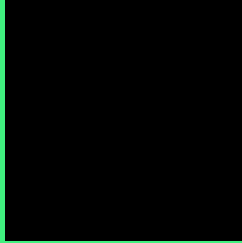
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

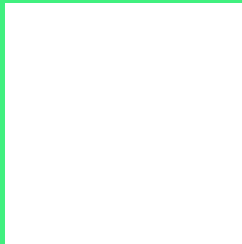
Any Text WCAG AAA ✓ Pass

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

Hex 40F07F Background



This preview shows how black text looks on a background with the Hex color 40F07F.

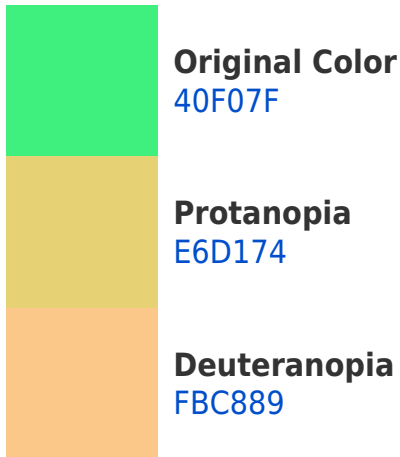


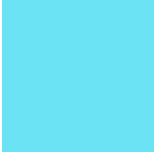
This preview shows how white text looks on a background with the Hex color 40F07F.

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



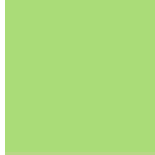


Tritanopia
6CE3F5

Trichromacy



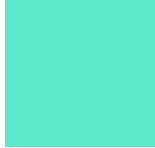
Original Color
40F07F



Protanomaly
AADC78



Deuteranomaly
B7D785



Tritanomaly
5CE8CA

Monochromacy



Original Color
40F07F



Achromatopsia
AEAEAE



Achromatomaly
86C69D

CSS Examples

Text

The CSS property to change the color of the text to Hex 40F07F 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 #40F07F looks like.

```
.text, #text, p{  
    color:#40F07F  
}
```

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 #40F07F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #40F07F
}
```

Border

The CSS property to change the border of an element to Hex 40F07F 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
#40F07F }
```

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

```
.border{ border-color:#40F07F }
```

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

Here you see how a box with a 4 pixel #40F07F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #40F07F; -webkit-box-shadow:4px 4px  
4px 4px #40F07F; box-shadow:4px 4px 4px  
4px #40F07F }
```

Background

The CSS property to change the background color of an element to Hex 40F07F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#40F07F }
```

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

```
.background{ background-color:#40F07F }
```

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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