

Converting Colors

Hex(3DF47A)

Have a look what the booklet for
Hex(3DF47A) contains.

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Color

Hex(3DF47A)

Conversions

Conversions Part 1

Format	Color
Hex	3DF47A
RGB	61, 244, 122
RGB Percent	24%, 96%, 48%
CMY	0.7608, 0.0431, 0.5216
CMYK	0.75, 0.00, 0.50, 0.04
HSL	140°, 89%, 60%
HSV	140°, 75%, 96%
XYZ	37.7880, 67.0986, 29.3720
YIQ	175.3750, -69.9060, -76.7380

Conversions

Conversions Part 2

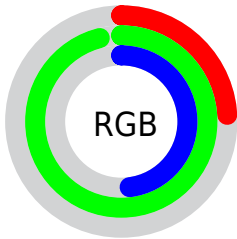
Format	Color
RYB	61, 198, 244
Decimal	4060282
CIELab	85.55, -70.08, 45.87
CIELCh	86, 83.751, 146.795
Yxy	67.0986, 0.2815, 0.4998
Android (android.graphics.Color)	4282250362 (0xFF3DF47A)
YUV	175.3750, -26.3139, -100.3069
Hunter-Lab	81.9137, -61.0044, 36.0798

Details

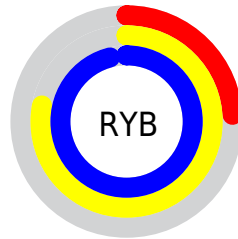
The Hex color **3DF47A** is a dark color, and the websafe version is hex **33FF99**. The color can be described as middle washed spring green. A complement of this color would be **F43DB7**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **86FFB0**, and **00BA46** is the 20% darker color. If you saturate the color by 10%, you get **25F46A**, and if you desaturate by 10%, it is **55F48A**.

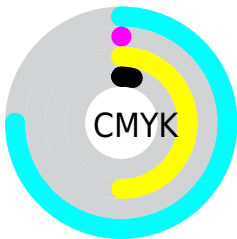
Distribution



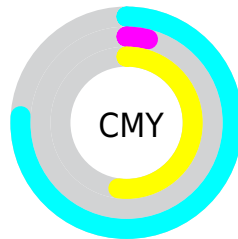
- Red (24%)
- Green (96%)
- Blue (48%)



- Red (24%)
- Yellow (78%)
- Blue (96%)



- Cyan (75%)
- Magenta (0%)
- Yellow (50%)
- Black (4%)



- Cyan (76%)
- Magenta (4%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3DF47A 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 3DF47A by changing the saturation by 10% instead.

 3DF47A

 3DF47A

FFFFFF

 00D760

 86FFB0

 00BA46

 A6FFCC

 009E2C

 C5FFE9

 00830D

 E5FFFF

 006800

 004E00

 003700

 001C00

 000000

 3DF47A

 3DF47A

 25F46A

 55F48A

 0CF459

 6EF49B

 00F451

 86F4AB

 9FF4BB

 B7F4CB

 CFF4DC

 E8F4EC

 FFF4FC

 FFF4FF

Harmonies

Analogous

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



B8E635



3DF47A



00FACA

Triad

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



3DF47A



00E2FF



FF9193

Complementary

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



3DF47A



F43DB7

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.



FF88E2



3DF47A



C5C4FF

Square

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



3DF47A



00F3FF



FFA1FF



FFB04F

Rectangle

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



3DF47A



00FBFF



FFA1FF



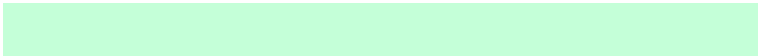
FF8AAD

Sweetspot

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



3DF47A



C4FFD8



B7F43D



5C8068



000000



808080

Same Dimension

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



3DF47A



19FF66



3DF4D5



6E7A72



00BA3E



003B14

Inverse Universe

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



F43DB7



FF19B3



F43D5C



7A6E76



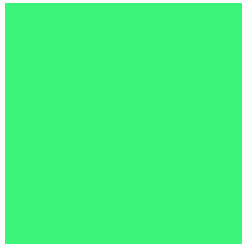
BA007C



3B0027

Previews

White Background



This preview shows how the Hex color 3DF47A 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 3DF47A 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 3DF47A Background



This preview shows how black text looks on a background with the Hex color 3DF47A.

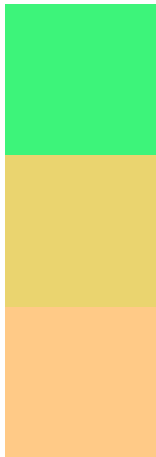


This preview shows how white text looks on a background with the Hex color 3DF47A.

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](#).

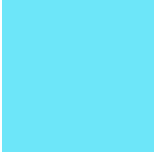
Dichromacy



Original Color
3DF47A

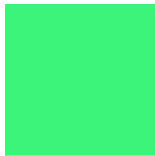
Protanopia
EAD46F

Deuteranopia
FFCA87



Tritanopia
6DE6F9

Trichromacy



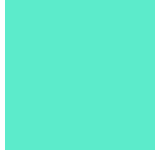
Original Color
3DF47A



Protanomaly
ABE073



Deuteranomaly
B8D982



Tritanomaly
5CEBCB

Monochromacy



Original Color
3DF47A



Achromatopsia
AFAFAF



Achromatomaly
86C89C

CSS Examples

Text

The CSS property to change the color of the text to Hex 3DF47A 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 #3DF47A looks like.

```
.text, #text, p{  
    color:#3DF47A  
}
```

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 #3DF47A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3DF47A
}
```

Border

The CSS property to change the border of an element to Hex 3DF47A 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
#3DF47A }
```

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

```
.border{ border-color:#3DF47A }
```

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

Here you see how a box with a 4 pixel #3DF47A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3DF47A; -webkit-box-shadow:4px 4px  
4px 4px #3DF47A; box-shadow:4px 4px 4px  
4px #3DF47A }
```

Background

The CSS property to change the background color of an element to Hex 3DF47A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3DF47A }
```

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

```
.background{ background-color:#3DF47A }
```

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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