

Converting Colors

Hex(3DF846)

Have a look what the booklet for
Hex(3DF846) contains.

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Color

Hex(3DF846)

Conversions

Conversions Part 1

Format	Color
Hex	3DF846
RGB	61, 248, 70
RGB Percent	24%, 97%, 27%
CMY	0.7608, 0.0275, 0.7255
CMYK	0.75, 0.00, 0.72, 0.03
HSL	123°, 93%, 61%
HSV	123°, 75%, 97%
XYZ	36.5974, 68.5691, 17.1006
YIQ	171.7950, -54.3140, -95.0020

Conversions

Conversions Part 2

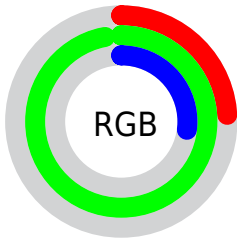
Format	Color
R_{YB}	61, 239, 248
Decimal	4061254
CIE _{Lab}	86.29, -77.15, 68.46
CIE _{LCh}	86, 103.144, 138.418
Yxy	68.5691, 0.2993, 0.5608
Android (android.graphics.Color)	4282251334 (0xFF3DF846)
YUV	171.7950, -50.1849, -97.1672
Hunter-Lab	82.8065, -66.0210, 45.7203

Details

The Hex color **3DF846** is a dark color, and the websafe version is hex **33FF33**. The color can be described as dark washed green. A complement of this color would be **F83DEF**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **88FF80**, and **00BE00** is the 20% darker color. If you saturate the color by 10%, you get **24F82E**, and if you desaturate by 10%, it is **56F85E**.

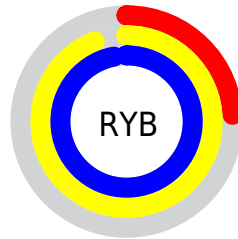
Distribution



Red (24%)

Green (97%)

Blue (27%)



Red (24%)

Yellow (94%)

Blue (97%)

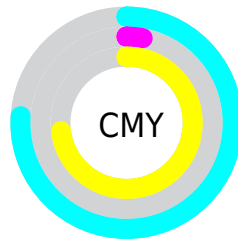


Cyan (75%)

Magenta (0%)

Yellow (72%)

Black (3%)



Cyan (76%)

Magenta (3%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3DF846 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 3DF846 by changing the saturation by 10% instead.

 3DF846

 3DF846

FFFFFF

 00DB25

 88FF80

 00BE00

 A9FF9C

 00A200

 C9FFB9

 008600

 E9FFD6

 006B00

 FFFFF4

 005100

 003900

 001E00

 000000

 3DF846

 3DF846

 24F82E

 56F85E

 0BF817

 6FF875

 00F80C

 87F88D

 A0F8A4

 B9F8BC

 D2F8D4

 EBF8EB

 FFF8FF

Harmonies

Analogous

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



CAE600



3DF846



00FFAD

Triad

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



3DF846



00EFFF



FF6CA0

Complementary

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



3DF846



F83DEF

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.



FF6EFF



3DF846



70CFFF

Square

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



3DF846



00FFFF



FF9FFF



FF9943

Rectangle

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



3DF846



00FFF2



FF9FFF



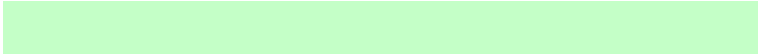
FF65C1

Sweetspot

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



3DF846



C4FFC7



F2F83D



5C805E



000000



808080

Same Dimension

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



3DF846



19FF25



3DF8A1



707D71



00BD09



003D03

Inverse Universe

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



F83DEF



FF19F4



F83D94



7D707C



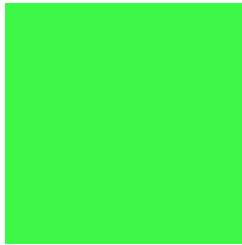
BD00B4



3D003A

Previews

White Background



This preview shows how the Hex color 3DF846 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 3DF846 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 3DF846 Background



This preview shows how black text looks on a background with the Hex color 3DF846.

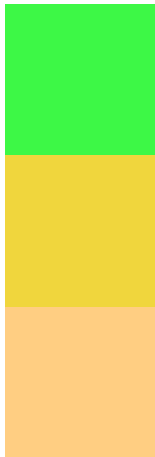


This preview shows how white text looks on a background with the Hex color 3DF846.

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](#).

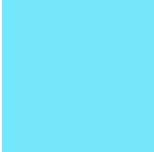
Dichromacy



Original Color
3DF846

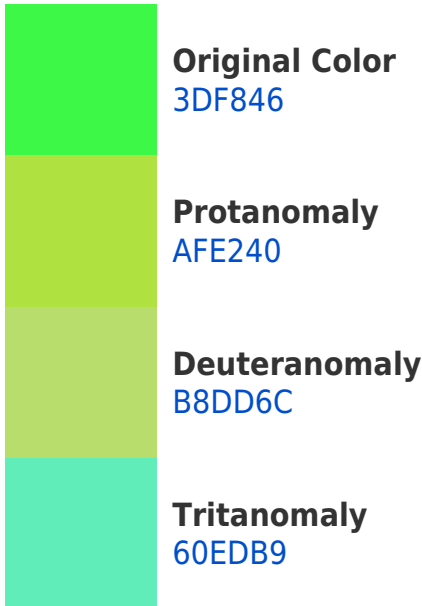
Protanopia
F0D63D

Deuteranopia
FFCE82

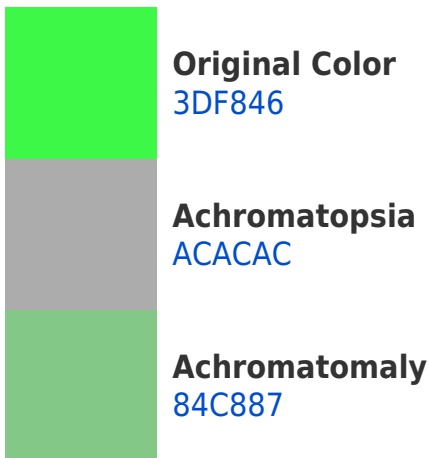


Tritanopia
74E7FA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3DF846 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 #3DF846 looks like.

```
.text, #text, p{  
    color:#3DF846  
}
```

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 #3DF846 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3DF846
}
```

Border

The CSS property to change the border of an element to Hex 3DF846 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
#3DF846 }
```

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

```
.border{ border-color:#3DF846 }
```

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

Here you see how a box with a 4 pixel #3DF846 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3DF846; -webkit-box-shadow:4px 4px  
4px 4px #3DF846; box-shadow:4px 4px 4px  
4px #3DF846 }
```

Background

The CSS property to change the background color of an element to Hex 3DF846 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3DF846 }
```

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

```
.background{ background-color:#3DF846 }
```

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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