

Converting Colors

Hex(7DFF47)

Have a look what the booklet for
Hex(7DFF47) contains.

Hex(7DFF47)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(7DFF47)

Conversions

Conversions Part 1

Format	Color
Hex	7DFF47
RGB	125, 255, 71
RGB Percent	49%, 100%, 28%
CMY	0.5098, 0.0000, 0.7216
CMYK	0.51, 0.00, 0.72, 0.00
HSL	102°, 100%, 64%
HSV	102°, 72%, 100%
XYZ	45.3548, 76.3349, 18.3049
YIQ	195.1540, -18.4160, -84.7840

Conversions

Conversions Part 2

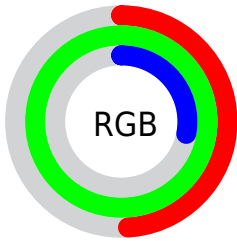
Format	Color
RYB	71, 255, 201
Decimal	8257351
CIELab	90.01, -66.24, 72.40
CIElCh	90, 98.131, 132.455
Yxy	76.3349, 0.3240, 0.5453
Android (android.graphics.Color)	4286447431 (0xFF7DFF47)
YUV	195.1540, -61.2079, -61.5251
Hunter-Lab	87.3698, -60.2357, 48.7370

Details

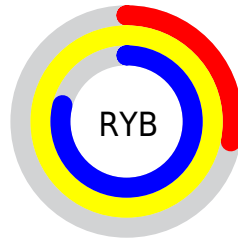
The Hex color **7DFF47** is a dark color, and the websafe version is hex **66FF33**. The color can be described as middle washed chartreuse. A complement of this color would be **C947FF**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **BBFF82**, and **38C500** is the 20% darker color. If you saturate the color by 10%, you get **6BFF2E**, and if you desaturate by 10%, it is **8FFF61**.

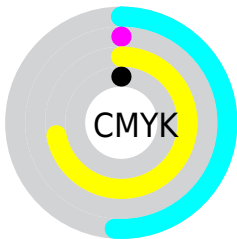
Distribution



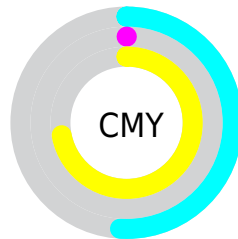
- Red (49%)
- Green (100%)
- Blue (28%)



- Red (28%)
- Yellow (100%)
- Blue (79%)



- Cyan (51%)
- Magenta (0%)
- Yellow (72%)
- Black (0%)



- Cyan (51%)
- Magenta (0%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7DFF47 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 7DFF47 by changing the saturation by 10% instead.

 7DFF47

FFFFFF

 BBFF82

 DAFF9E

 F9FFBB

 FFFFD9

 FFFFF6

 7DFF47

 5DE225

 38C500

 00A900

 008E00

 007300

 005900

 004000

 002800

 000000

 7DFF47

 7DFF47

 6BFF2E

 8FFF61

 59FF14

 A1FF7A

 4BFF00

 B3FF93

 C5FFAD

 D7FFC7

 E9FFE0

 FBFFFA

FFFFFF

Harmonies

Analogous

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



EAEA00



7DFF47



00FFA6

Triad

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



7DFF47



00FCFF



FF7FBF

Complementary

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



7DFF47



C947FF

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.



FF8BFF



7DFF47



41E0FF

Square

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



7DFF47



00FFFF



FFB6FF



FF9F67

Rectangle

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



7DFF47



00FFE8



FFB6FF



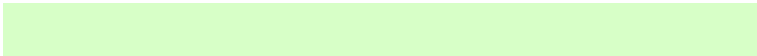
FF7DDF

Sweetspot

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



7DFF47



D7FFC7



FFC847



68805E



000000



808080

Same Dimension

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



7DFF47



62FF21



47FF6C



768073



38BF00



134000

Inverse Universe

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



C947FF



BE21FF



FF47DA



7C7380



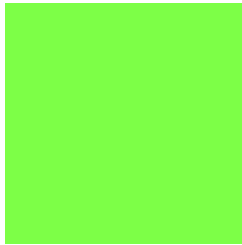
8700BF



2D0040

Previews

White Background



This preview shows how the Hex color 7DFF47 looks on a white background.

Color Contrast Check

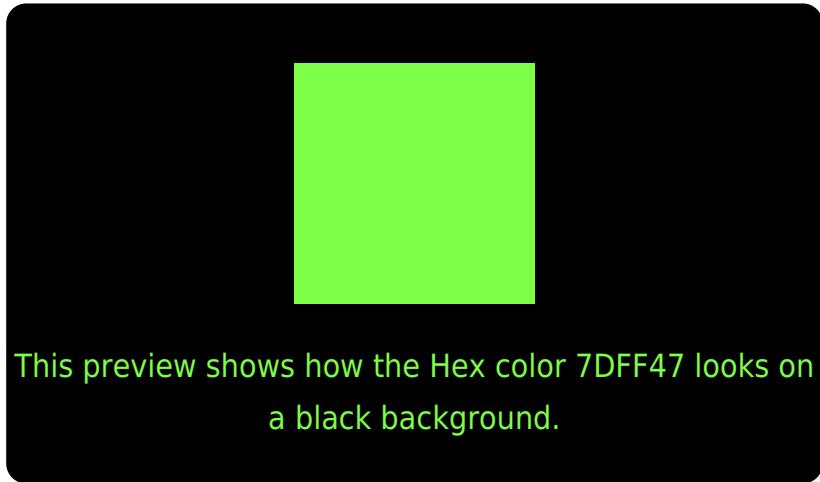
Large Text (above 18pt) WCAG AA × Fail

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

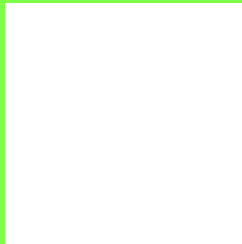
Any Text WCAG AAA ✓ Pass

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

Hex 7DFF47 Background



This preview shows how black text looks on a background with the Hex color 7DFF47.

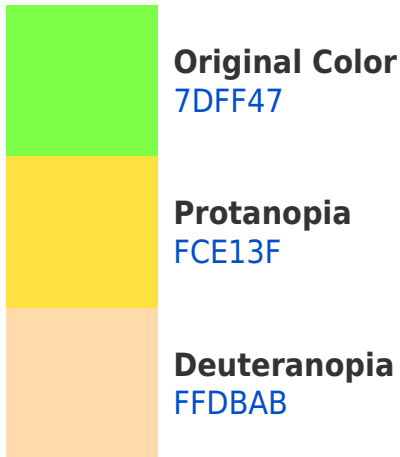


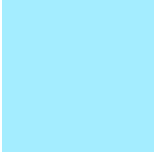
This preview shows how white text looks on a background with the Hex color 7DFF47.

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](#).

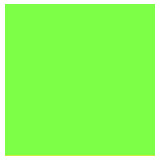
Dichromacy





Tritanopia
A4EDFF

Trichromacy



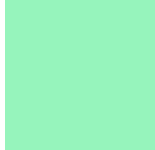
Original Color
7DFF47



Protanomaly
CEEC42

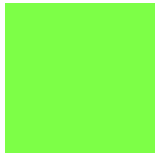


Deuteranomaly
D0E887

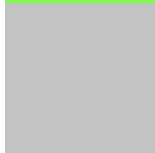


Tritanomaly
96F4BC

Monochromacy



Original Color
7DFF47



Achromatopsia
C3C3C3



Achromatomaly
AAD996

CSS Examples

Text

The CSS property to change the color of the text to Hex 7DFF47 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 #7DFF47 looks like.

```
.text, #text, p{  
    color:#7DFF47  
}
```

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 #7DFF47 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7DFF47
}
```

Border

The CSS property to change the border of an element to Hex 7DFF47 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
#7DFF47 }
```

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

```
.border{ border-color:#7DFF47 }
```

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

Here you see how a box with a 4 pixel #7DFF47 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7DFF47; -webkit-box-shadow:4px 4px  
4px 4px #7DFF47; box-shadow:4px 4px 4px  
4px #7DFF47 }
```

Background

The CSS property to change the background color of an element to Hex 7DFF47 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7DFF47 }
```

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

```
.background{ background-color:#7DFF47 }
```

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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