

Converting Colors

Hex(3DFF7C)

Have a look what the booklet for
Hex(3DFF7C) contains.

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Color

Hex(3DFF7C)

Conversions

Conversions Part 1

Format	Color
Hex	3DFF7C
RGB	61, 255, 124
RGB Percent	24%, 100%, 49%
CMY	0.7608, 0.0000, 0.5137
CMYK	0.76, 0.00, 0.51, 0.00
HSL	139°, 100%, 62%
HSV	139°, 76%, 100%
XYZ	41.3226, 73.9673, 31.1680
YIQ	182.0600, -73.5730, -81.8690

Conversions

Conversions Part 2

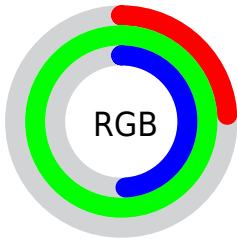
Format	Color
RYB	61, 207, 255
Decimal	4063100
CIELab	88.91, -73.41, 49.06
CIELCh	89, 88.294, 146.241
Yxy	73.9673, 0.2821, 0.5050
Android (android.graphics.Color)	4282253180 (0xFF3DFF7C)
YUV	182.0600, -28.6236, -106.1696
Hunter-Lab	86.0043, -64.7434, 38.7163

Details

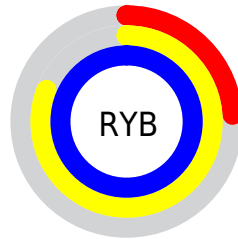
The Hex color **3DFF7C** is a dark color, and the websafe version is hex **33FF66**. The color can be described as middle washed spring green. A complement of this color would be **FF3DC0**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **88FFB3**, and **00C547** is the 20% darker color. If you saturate the color by 10%, you get **23FF6B**, and if you desaturate by 10%, it is **57FF8D**.

Distribution



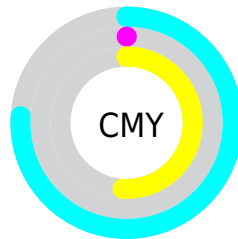
- Red (24%)
- Green (100%)
- Blue (49%)



- Red (24%)
- Yellow (81%)
- Blue (100%)



- Cyan (76%)
- Magenta (0%)
- Yellow (51%)
- Black (0%)



- Cyan (76%)
- Magenta (0%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3DFF7C 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 3DFF7C by changing the saturation by 10% instead.

 3DFF7C

 3DFF7C

FFFFFF

 00E261

 88FFB3

 00C547

 A9FFCF

 00A82C

 C8FFEC

 008D0C

 E8FFFF

 007200

 005700

 003F00

 002500

 000000

 3DFF7C

 3DFF7C

 23FF6B

 57FF8D

 0AFF5A

 70FF9E

 00FF53

 8AFFB0

 A3FFC1

 BDFFD2

 D6FFE3

 F0FFF5

FFFFFF

Harmonies

Analogous

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



C0F031



3DFF7C



00FFD2

Triad

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



3DFF7C



00ECFF



FF949A

Complementary

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



3DFF7C



FF3DC0

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.



FF8CEE



3DFF7C



CACDFF

Square

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



3DFF7C



00FFFF



FFA7FF



FFB650

Rectangle

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



3DFF7C



00FFFF



FFA7FF



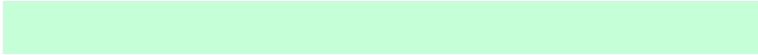
FF8EB5

Sweetspot

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



3DFF7C



C4FFD7



C2FF3D



5C8067



000000



808080

Same Dimension

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



3DFF7C



17FF62



3DFFDB



738077



00BF3E



004015

Inverse Universe

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



FF3DC0



FF17B4



FF3D61



80737B



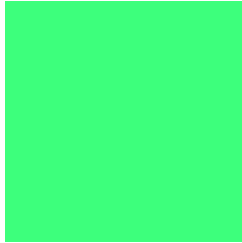
BF0081



40002B

Previews

White Background



This preview shows how the Hex color 3DFF7C 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 3DFF7C 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 3DFF7C Background



This preview shows how black text looks on a background with the Hex color 3DFF7C.

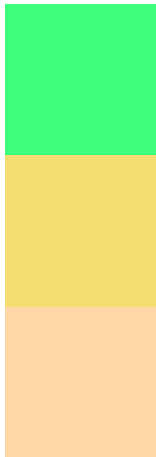


This preview shows how white text looks on a background with the Hex color 3DFF7C.

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](#).

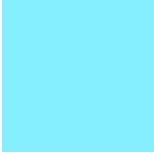
Dichromacy



Original Color
3DFF7C

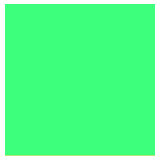
Protanopia
F4DD71

Deuteranopia
FFD6A6



Tritanopia
85EEFF

Trichromacy



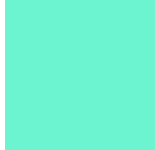
Original Color
3DFF7C



Protanomaly
B1E975



Deuteranomaly
B8E597

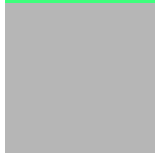


Tritanomaly
6BF4CF

Monochromacy



Original Color
3DFF7C



Achromatopsia
B6B6B6



Achromatomaly
8AD1A1

CSS Examples

Text

The CSS property to change the color of the text to Hex 3DFF7C 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 #3DFF7C looks like.

```
.text, #text, p{  
    color:#3DFF7C  
}
```

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 #3DFF7C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3DFF7C
}
```

Border

The CSS property to change the border of an element to Hex 3DFF7C 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
#3DFF7C }
```

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

```
.border{ border-color:#3DFF7C }
```

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

Here you see how a box with a 4 pixel #3DFF7C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3DFF7C; -webkit-box-shadow:4px 4px  
4px 4px #3DFF7C; box-shadow:4px 4px 4px  
4px #3DFF7C }
```

Background

The CSS property to change the background color of an element to Hex 3DFF7C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3DFF7C }
```

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

```
.background{ background-color:#3DFF7C }
```

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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