

Converting Colors

Hex(3DFF78)

Have a look what the booklet for
Hex(3DFF78) contains.

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Color

Hex(3DFF78)

Conversions

Conversions Part 1

Format	Color
Hex	3DFF78
RGB	61, 255, 120
RGB Percent	24%, 100%, 47%
CMY	0.7608, 0.0000, 0.5294
CMYK	0.76, 0.00, 0.53, 0.00
HSL	138°, 100%, 62%
HSV	138°, 76%, 100%
XYZ	41.0746, 73.8682, 29.8624
YIQ	181.6040, -72.2890, -83.1130

Conversions

Conversions Part 2

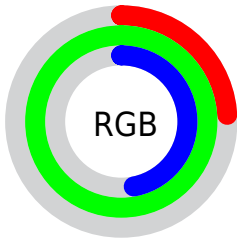
Format	Color
RYB	61, 210, 255
Decimal	4063096
CIELab	88.86, -73.96, 50.85
CIELCh	89, 89.757, 145.491
Yxy	73.8682, 0.2837, 0.5101
Android (android.graphics.Color)	4282253176 (0xFF3DFF78)
YUV	181.6040, -30.3708, -105.7697
Hunter-Lab	85.9466, -65.0998, 39.5621

Details

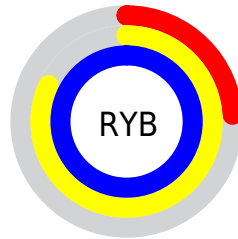
The Hex color **3DFF78** is a dark color, and the websafe version is hex **33FF66**. The color can be described as middle washed spring green. A complement of this color would be **FF3DC4**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **88FFAF**, and **00C543** is the 20% darker color. If you saturate the color by 10%, you get **23FF66**, and if you desaturate by 10%, it is **57FF8A**.

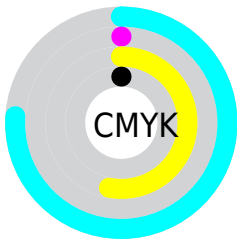
Distribution



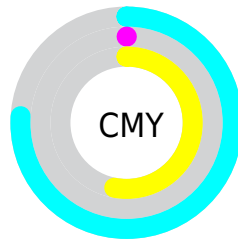
- Red (24%)
- Green (100%)
- Blue (47%)



- Red (24%)
- Yellow (82%)
- Blue (100%)



- Cyan (76%)
- Magenta (0%)
- Yellow (53%)
- Black (0%)



- Cyan (76%)
- Magenta (0%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3DFF78 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 3DFF78 by changing the saturation by 10% instead.

 3DFF78

FFFFFF

 88FFAF

 A9FFCB

 C9FFE8

 E8FFFF

 3DFF78

 00E25D

 00C543

 00A827

 008D02

 007200

 005700

 003F00

 002500

 000000

 3DFF78

 3DFF78

 23FF66

 57FF8A

 0AFF55

 70FF9B

 00FF4E

 8AFFAD

 A3FFBF

 BDFFD1

 D6FFE2

 F0FFF4

FFFFFF

Harmonies

Analogous

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



C2F029



3DFF78



00FFCF

Triad

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



3DFF78



00EDFF



FF929B

Complementary

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



3DFF78



FF3DC4

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.



FF8AF0



3DFF78



C5CEFF

Square

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



3DFF78



00FFFF



FFA7FF



FFB44F

Rectangle

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



3DFF78



00FFFF



FFA7FF



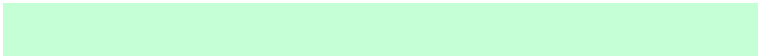
FF8BB6

Sweetspot

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



3DFF78



C4FFD6



C5FF3D



5C8067



000000



808080

Same Dimension

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



3DFF78



17FF5E



3DFFD8



738077



00BF3A



004013

Inverse Universe

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



FF3DC4



FF17B8



FF3D64



80737C



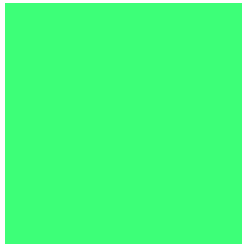
BF0085



40002C

Previews

White Background



This preview shows how the Hex color 3DFF78 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 3DFF78 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 3DFF78 Background



This preview shows how black text looks on a background with the Hex color 3DFF78.

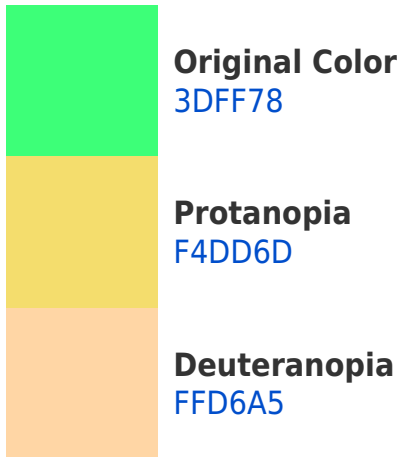


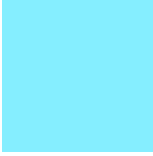
This preview shows how white text looks on a background with the Hex color 3DFF78.

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
85EEFF

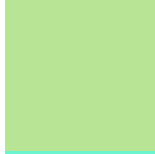
Trichromacy



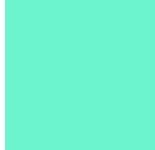
Original Color
3DFF78



Protanomaly
B1E971



Deuteranomaly
B8E595

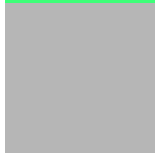


Tritanomaly
6BF4CE

Monochromacy



Original Color
3DFF78



Achromatopsia
B6B6B6



Achromatomaly
8AD19F

CSS Examples

Text

The CSS property to change the color of the text to Hex 3DFF78 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 #3DFF78 looks like.

```
.text, #text, p{  
    color:#3DFF78  
}
```

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 #3DFF78 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3DFF78
}
```

Border

The CSS property to change the border of an element to Hex 3DFF78 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
#3DFF78 }
```

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

```
.border{ border-color:#3DFF78 }
```

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

Here you see how a box with a 4 pixel #3DFF78 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3DFF78; -webkit-box-shadow:4px 4px  
4px 4px #3DFF78; box-shadow:4px 4px 4px  
4px #3DFF78 }
```

Background

The CSS property to change the background color of an element to Hex 3DFF78 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3DFF78 }
```

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

```
.background{ background-color:#3DFF78 }
```

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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