

Converting Colors

Hex(3DFE6D)

Have a look what the booklet for
Hex(3DFE6D) contains.

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Color

Hex(3DFE6D)

Conversions

Conversions Part 1

Format	Color
Hex	3DFE6D
RGB	61, 254, 109
RGB Percent	24%, 100%, 43%
CMY	0.7608, 0.0039, 0.5725
CMYK	0.76, 0.00, 0.57, 0.00
HSL	135°, 99%, 62%
HSV	135°, 76%, 100%
XYZ	40.1266, 72.9798, 26.4396
YIQ	179.7630, -68.4830, -86.0110

Conversions

Conversions Part 2

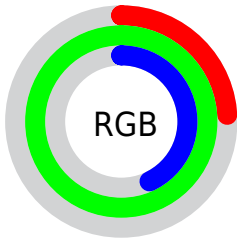
Format	Color
RYB	61, 216, 254
Decimal	4062829
CIELab	88.44, -75.07, 55.29
CIELCh	88, 93.238, 143.629
Yxy	72.9798, 0.2876, 0.5230
Android (android.graphics.Color)	4282252909 (0xFF3DFE6D)
YUV	179.7630, -34.8862, -104.1552
Hunter-Lab	85.4282, -65.6560, 41.4498

Details

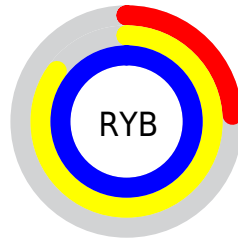
The Hex color **3DFE6D** is a dark color, and the websafe version is hex **33FF66**. The color can be described as middle washed spring green. A complement of this color would be **FE3DCE**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **88FFA4**, and **00C436** is the 20% darker color. If you saturate the color by 10%, you get **24FE5A**, and if you desaturate by 10%, it is **56FE80**.

Distribution



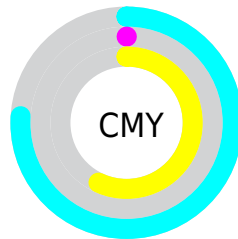
- Red (24%)
- Green (100%)
- Blue (43%)



- Red (24%)
- Yellow (85%)
- Blue (100%)



- Cyan (76%)
- Magenta (0%)
- Yellow (57%)
- Black (0%)



- Cyan (76%)
- Magenta (0%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3DFE6D 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 3DFE6D by changing the saturation by 10% instead.

 3DFE6D

 3DFE6D

FFFFFF

 00E152

 88FFA4

 00C436

 A9FFC0

 00A717

 C9FFDD

 008C00

 E9FFFA

 007100

 005600

 003E00

 002400

 000000

 3DFE6D

 3DFE6D

 24FE5A

 56FE80

 0AFE47

 70FE93

 00FE3F

 89FEA6

 A3FEB9

 BCFECC

 D5FEDF

 EFFE3

FFFEFF

Harmonies

Analogous

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



C4EE09



3DFE6D



00FC7

Triad

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



3DFE6D



00EEFF



FF8A9C

Complementary

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



3DFE6D



FE3DCE

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.



FF84F5



3DFE6D



B5CFFF

Square

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



3DFE6D



00FFFF



FFA5FF



FFAE4C

Rectangle

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



3DFE6D



00FFFF



FFA5FF



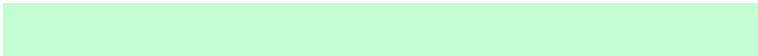
FF83B9

Sweetspot

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



3DFE6D



C4FFD3



D1FE3D



5C8065



000000



808080

Same Dimension

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



3DFE6D



17FF51



3DFECB



738076



00BF30



004010

Inverse Universe

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



FE3DCE



FF17C5



FE3D70



80737C



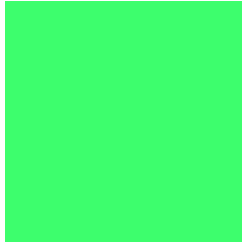
BF0090



400030

Previews

White Background



This preview shows how the Hex color 3DFE6D 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 3DFE6D looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

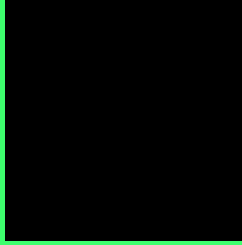
Any Text WCAG AA ✓ Pass

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 3DFE6D Background



This preview shows how black text looks on a background with the Hex color 3DFE6D.

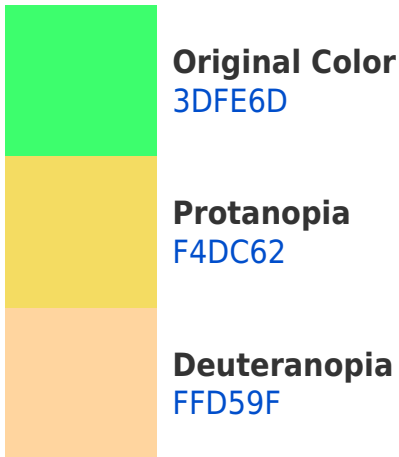


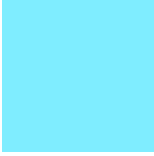
This preview shows how white text looks on a background with the Hex color 3DFE6D.

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
7FEDFF

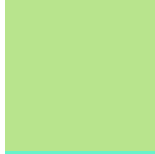
Trichromacy



Original Color
3DFE6D



Protanomaly
B1E866



Deuteranomaly
B8E48D

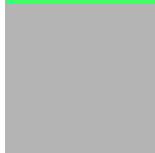


Tritanomaly
67F3CA

Monochromacy



Original Color
3DFE6D



Achromatopsia
B4B4B4



Achromatomaly
89CF9A

CSS Examples

Text

The CSS property to change the color of the text to Hex 3DFE6D 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 #3DFE6D looks like.

```
.text, #text, p{  
    color:#3DFE6D  
}
```

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 #3DFE6D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3DFE6D
}
```

Border

The CSS property to change the border of an element to Hex 3DFE6D 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
#3DFE6D }
```

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

```
.border{ border-color:#3DFE6D }
```

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

Here you see how a box with a 4 pixel #3DFE6D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3DFE6D; -webkit-box-shadow:4px 4px  
4px 4px #3DFE6D; box-shadow:4px 4px 4px  
4px #3DFE6D }
```

Background

The CSS property to change the background color of an element to Hex 3DFE6D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3DFE6D }
```

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

```
.background{ background-color:#3DFE6D }
```

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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