

Converting Colors

Hex(76F53D)

Have a look what the booklet for
Hex(76F53D) contains.

Hex(76F53D)	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(76F53D)

Conversions

Conversions Part 1

Format	Color
Hex	76F53D
RGB	118, 245, 61
RGB Percent	46%, 96%, 24%
CMY	0.5373, 0.0392, 0.7608
CMYK	0.52, 0.00, 0.75, 0.04
HSL	101°, 90%, 60%
HSV	101°, 75%, 96%
XYZ	40.9659, 69.4933, 15.6693
YIQ	186.0510, -16.6280, -84.1480

Conversions

Conversions Part 2

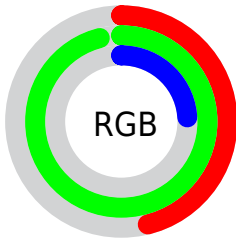
Format	Color
RYB	61, 245, 188
Decimal	7796029
CIELab	86.75, -65.19, 72.34
CIElCh	87, 97.384, 132.023
Yxy	69.4933, 0.3248, 0.5510
Android (android.graphics.Color)	4285986109 (0xFF76F53D)
YUV	186.0510, -61.6501, -59.6807
Hunter-Lab	83.3626, -58.1664, 47.2094

Details

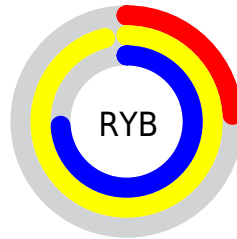
The Hex color **76F53D** is a dark color, and the websafe version is hex **66FF33**. The color can be described as middle washed chartreuse. A complement of this color would be **BC3DF5**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **B4FF78**, and **2FBC00** is the 20% darker color. If you saturate the color by 10%, you get **65F524**, and if you desaturate by 10%, it is **87F556**.

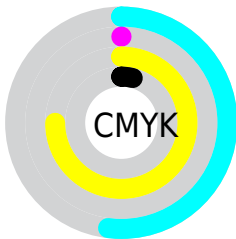
Distribution



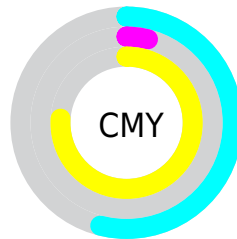
- Red (46%)
- Green (96%)
- Blue (24%)



- Red (24%)
- Yellow (96%)
- Blue (74%)



- Cyan (52%)
- Magenta (0%)
- Yellow (75%)
- Black (4%)



- Cyan (54%)
- Magenta (4%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 76F53D 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 76F53D by changing the saturation by 10% instead.

 76F53D

 76F53D

FFFFFF

 55D816

 B4FF78

 2FBC00

 D2FF95

 00A000

 F1FFB2

 008500

 FFFFCE

 006A00

 FFFFED

 005100

 003900

 001F00

 000000

 76F53D

 76F53D

 65F524

 87F556

 54F50C

 98F56E

 4CF500

 A9F586

 BAF59F

 CBF5B7

 DBF5D0

 ECF5E9

 FDF5FF

 FFF5FF

Harmonies

Analogous

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



E1E100



76F53D



00FF9C

Triad

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



76F53D



00F3FF



FF75B8

Complementary

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



76F53D



BC3DF5

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.



FF82FF



76F53D



17D8FF

Square

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



76F53D



00FFFF



FFAEFF



FF9660

Rectangle

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



76F53D



00FFDD



FFAEFF



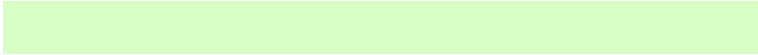
FF73D7

Sweetspot

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



76F53D



D7FFC4



F5BB3D



67805C



000000



808080

Same Dimension

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



76F53D



61FF19



3DF55F



727A6E



3ABA00



123B00

Inverse Universe

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



BC3DF5



B819FF



F53DD3



776E7A



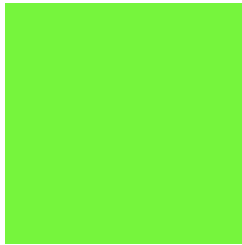
8000BA



28003B

Previews

White Background



This preview shows how the Hex color 76F53D looks on a white background.

Color Contrast Check

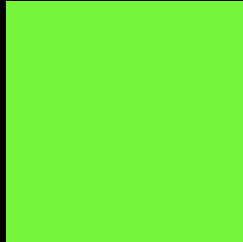
Large Text (above 18pt) WCAG AA × Fail

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 76F53D looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

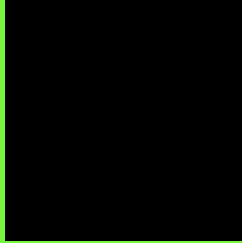
Any Text WCAG AA ✓ Pass

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 76F53D Background



This preview shows how black text looks on a background with the Hex color 76F53D.

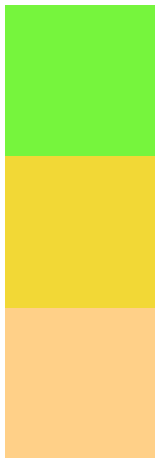


This preview shows how white text looks on a background with the Hex color 76F53D.

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](#).

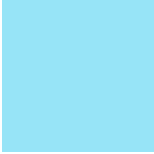
Dichromacy



Original Color
76F53D

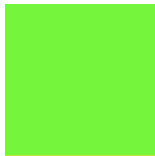
Protanopia
F2D836

Deuteranopia
FFD088



Tritanopia
97E4F7

Trichromacy



Original Color
76F53D



Protanomaly
C5E339



Deuteranomaly
CDDD6D

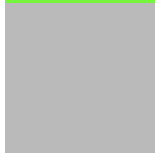


Tritanomaly
8BEAB3

Monochromacy



Original Color
76F53D



Achromatopsia
BABABA



Achromatomaly
A1CF8D

CSS Examples

Text

The CSS property to change the color of the text to Hex 76F53D 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 #76F53D looks like.

```
.text, #text, p{  
    color:#76F53D  
}
```

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 #76F53D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76F53D
}
```

Border

The CSS property to change the border of an element to Hex 76F53D 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
#76F53D }
```

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

```
.border{ border-color:#76F53D }
```

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

Here you see how a box with a 4 pixel #76F53D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76F53D; -webkit-box-shadow:4px 4px  
4px 4px #76F53D; box-shadow:4px 4px 4px  
4px #76F53D }
```

Background

The CSS property to change the background color of an element to Hex 76F53D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76F53D }
```

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

```
.background{ background-color:#76F53D }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor