

# Converting Colors

Hex(76F53A)

Have a look what the booklet for  
Hex(76F53A) contains.

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**Color**

**Hex(76F53A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	76F53A
RGB	118, 245, 58
RGB Percent	46%, 96%, 23%
CMY	0.5373, 0.0392, 0.7725
CMYK	0.52, 0.00, 0.76, 0.04
HSL	101°, 90%, 59%
HSV	101°, 76%, 96%
XYZ	40.8873, 69.4619, 15.2555
YIQ	185.7090, -15.6650, -85.0810

# Conversions

## Conversions Part 2

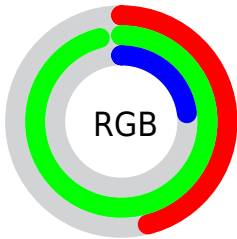
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">58, 245, 185</a>
Decimal	<a href="#">7796026</a>
CIELab	<a href="#">86.73, -65.37, 73.25</a>
CIElCh	<a href="#">87, 98.173, 131.746</a>
Yxy	<a href="#">69.4619, 0.3255, 0.5530</a>
Android (android.graphics.Color)	<a href="#">4285986106 (0xFF76F53A)</a>
YUV	<a href="#">185.7090, -62.9605, -59.3808</a>
Hunter-Lab	<a href="#">83.3438, -58.2819, 47.4880</a>

# Details

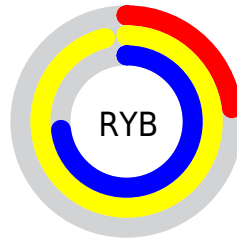
The Hex color **76F53A** is a dark color, and the websafe version is hex **66FF33**. The color can be described as middle washed chartreuse. A complement of this color would be **B93AF5**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **B4FF76**, and **2FBC00** is the 20% darker color. If you saturate the color by 10%, you get **65F521**, and if you desaturate by 10%, it is **87F552**.

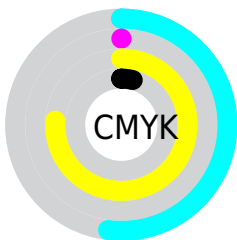
# Distribution



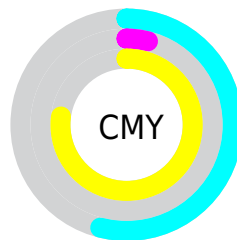
- Red (46%)
- Green (96%)
- Blue (23%)



- Red (23%)
- Yellow (96%)
- Blue (73%)



- Cyan (52%)
- Magenta (0%)
- Yellow (76%)
- Black (4%)



- Cyan (54%)
- Magenta (4%)
- Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 76F53A 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 76F53A by changing the saturation by 10% instead.



 76F53A

 76F53A

FFFFFF

 55D810

 B4FF76

 2FBC00

 D3FF93

 00A000

 F1FFB0

 008500

 FFFFCD

 006A00

 FFFFEB

 005100

 003900

 001F00

 000000


 76F53A

 76F53A

 65F521

 87F552

 55F509

 97F56B

 4FF500

 A8F584

 B9F59C

 C9F5B4

 DAF5CD

 EAF5E5

 FBF5FE

 FFF5FF

# Harmonies

## Analogous

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



E2E000



76F53A



00FF9B

# Triad

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



76F53A



00F3FF



FF73B9

# Complementary

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



76F53A



B93AF5

# 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.



FF81FF



76F53A



00D8FF

# Square

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



76F53A



00FFFF



FFAEFF



FF9460

# Rectangle

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



76F53A



00FFDC



FFAEFF



FF71D8

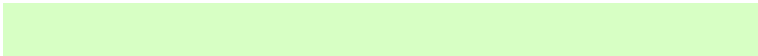


# Sweetspot

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



76F53A



D7FFC4



F5B73A



67805C



000000



808080



# Same Dimension

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



76F53A



60FF14



3AF559



727A6E



3CBA00



133B00



# Inverse Universe

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



B93AF5



B414FF



F53AD6



766E7A



7E00BA

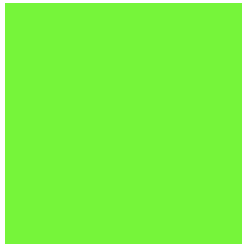


28003B



# Previews

## White Background



This preview shows how the Hex color 76F53A looks on a white background.

## Color Contrast Check

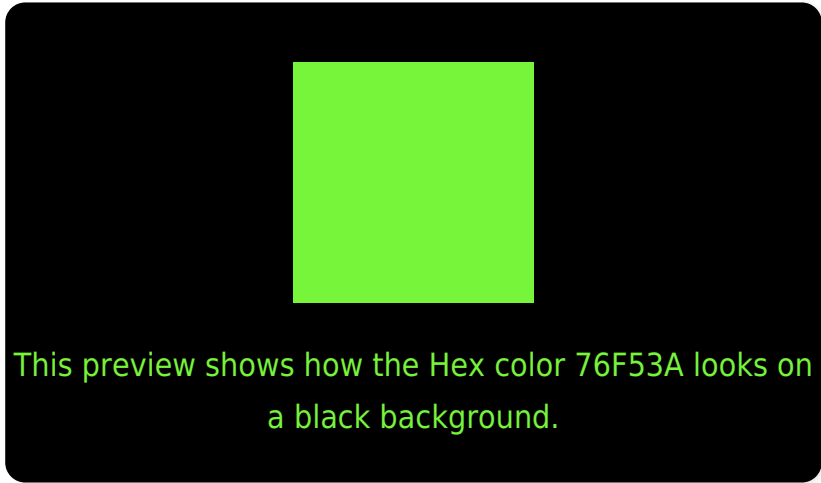
Large Text (above 18pt) WCAG AA × Fail

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 76F53A Background



This preview shows how black text looks on a background with the Hex color 76F53A.

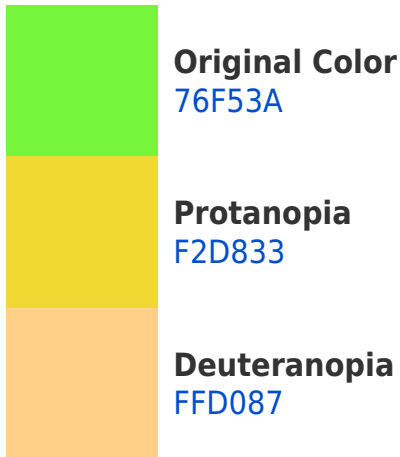


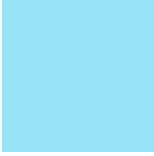
This preview shows how white text looks on a background with the Hex color 76F53A.

# 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**  
97E4F7

# Trichromacy



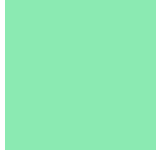
**Original Color**  
76F53A



**Protanomaly**  
C5E336

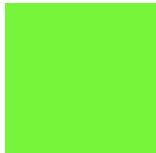


**Deuteranomaly**  
CDDD6B

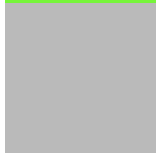


**Tritanomaly**  
8BEAB2

# Monochromacy



**Original Color**  
76F53A



**Achromatopsia**  
BABABA



**Achromatomaly**  
A1CF8B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 76F53A 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 #76F53A looks like.

```
.text, #text, p{  
    color:#76F53A  
}
```

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 #76F53A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76F53A
}
```

## Border

The CSS property to change the border of an element to Hex 76F53A 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
#76F53A }
```

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

```
.border{ border-color:#76F53A }
```

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

Here you see how a box with a 4 pixel #76F53A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76F53A; -webkit-box-shadow:4px 4px  
4px 4px #76F53A; box-shadow:4px 4px 4px  
4px #76F53A }
```

# Background

The CSS property to change the background color of an element to Hex 76F53A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76F53A }
```

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

```
.background{ background-color:#76F53A }
```

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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