

# Converting Colors

Hex(78F03C)

Have a look what the booklet for  
Hex(78F03C) contains.

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**Color**

**Hex(78F03C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	78F03C
RGB	120, 240, 60
RGB Percent	47%, 94%, 24%
CMY	0.5294, 0.0588, 0.7647
CMYK	0.50, 0.00, 0.75, 0.06
HSL	100°, 86%, 59%
HSV	100°, 75%, 94%
XYZ	39.7214, 66.6395, 15.0441
YIQ	183.6000, -13.7400, -81.4200

# Conversions

## Conversions Part 2

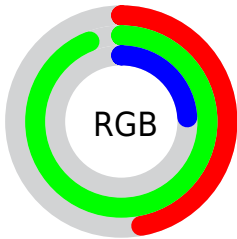
<b>Format</b>	<b>Color</b>
<b>RYB</b>	60, 240, 180
Decimal	7925820
CIELab	85.32, -62.91, 71.30
CIELCh	85, 95.083, 131.423
Yxy	66.6395, 0.3272, 0.5489
Android (android.graphics.Color)	4286115900 (0xFF78F03C)
YUV	183.6000, -60.9348, -55.7772
Hunter-Lab	81.6330, -56.0023, 46.2166

# Details

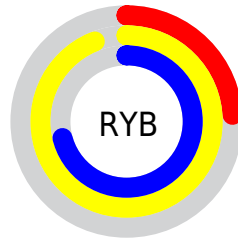
The Hex color **78F03C** is a dark color, and the websafe version is hex **99FF33**. The color can be described as middle washed chartreuse. A complement of this color would be **B43CF0**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **B5FF77**, and **34B700** is the 20% darker color. If you saturate the color by 10%, you get **68F024**, and if you desaturate by 10%, it is **88F054**.

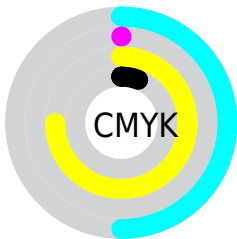
# Distribution



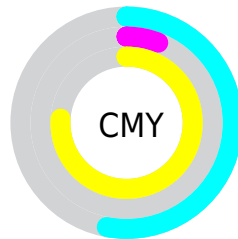
- Red (47%)
- Green (94%)
- Blue (24%)



- Red (24%)
- Yellow (94%)
- Blue (71%)



- Cyan (50%)
- Magenta (0%)
- Yellow (75%)
- Black (6%)



- Cyan (53%)
- Magenta (6%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 78F03C 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 78F03C by changing the saturation by 10% instead.



 78F03C

 78F03C

FFFFFF

 58D316

 B5FF77

 34B700

 D3FF94

 009B00

 F2FFB0

 008000

 FFFFCE

 006600

 FFFFEB

 004D00

 003500

 001B00

 000000

 78F03C

 78F03C

 68F024

 88F054

 58F00C

 98F06C

 50F000

 A8F084

 B8F09C

 C8F0B4

 D8F0CC

 E8F0E4

 F8F0FC

 FFF0FF

# Harmonies

## Analogous

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



DFDC00



78F03C



00FA98

# Triad

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



78F03C



00EFFF



FF74B7

# Complementary

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



78F03C



B43CF0

# 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



78F03C



02D5FF

# Square

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



78F03C



00BFF



FFACFF



FF9361

# Rectangle

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



78F03C



00FED7



FFACFF



FF73D5

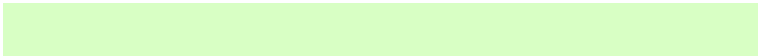


# Sweetspot

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



78F03C



D8FFC4



F0B43C



68805C



000000



808080



# Same Dimension

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



78F03C



66FF19



3CF05A



70786C



3DB800



133800



# Inverse Universe

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



B43CF0



B319FF



F03CD2



746C78



7A00B8

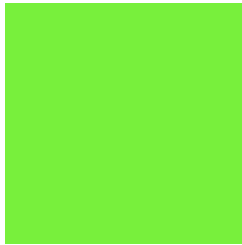


250038



# Previews

## White Background



This preview shows how the Hex color 78F03C looks on a white background.

## Color Contrast Check

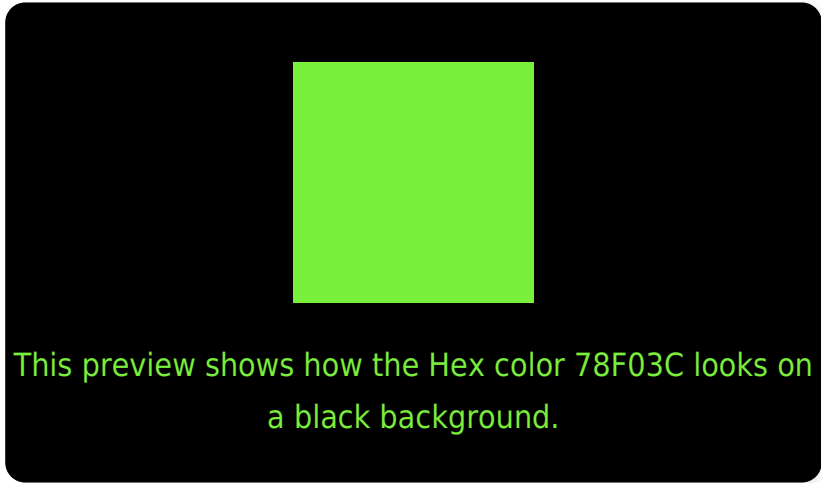
Large Text (above 18pt) WCAG AA × Fail

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 78F03C Background



This preview shows how black text looks on a background with the Hex color 78F03C.

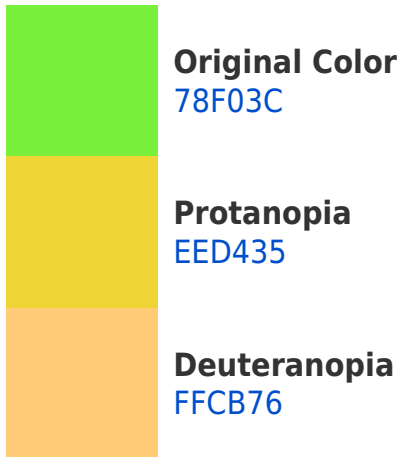


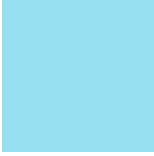
This preview shows how white text looks on a background with the Hex color 78F03C.

# 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**  
97E0F2

# Trichromacy



**Original Color**  
78F03C



**Protanomaly**  
C3DE38

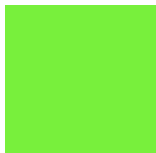


**Deuteranomaly**  
CED861

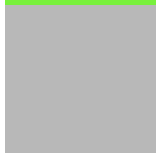


**Tritanomaly**  
8CE6B0

# Monochromacy



**Original Color**  
78F03C



**Achromatopsia**  
B8B8B8



**Achromatomaly**  
A1CC8B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 78F03C 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 #78F03C looks like.

```
.text, #text, p{  
    color:#78F03C  
}
```

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 #78F03C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #78F03C
}
```

## Border

The CSS property to change the border of an element to Hex 78F03C 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
#78F03C }
```

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

```
.border{ border-color:#78F03C }
```

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

Here you see how a box with a 4 pixel #78F03C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #78F03C; -webkit-box-shadow:4px 4px  
4px 4px #78F03C; box-shadow:4px 4px 4px  
4px #78F03C }
```

# Background

The CSS property to change the background color of an element to Hex 78F03C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#78F03C }
```

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

```
.background{ background-color:#78F03C }
```

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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