

Converting Colors

Hex(78EF6D)

Have a look what the booklet for
Hex(78EF6D) contains.

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Color

Hex(78EF6D)

Conversions

Conversions Part 1

Format	Color
Hex	78EF6D
RGB	120, 239, 109
RGB Percent	47%, 94%, 43%
CMY	0.5294, 0.0627, 0.5725
CMYK	0.50, 0.00, 0.54, 0.06
HSL	115°, 80%, 68%
HSV	115°, 54%, 94%
XYZ	41.3725, 66.8302, 25.1870
YIQ	188.5990, -29.1940, -65.6580

Conversions

Conversions Part 2

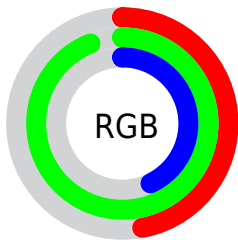
Format	Color
RYB	109, 239, 228
Decimal	7925613
CIELab	85.42, -58.22, 52.09
CIELCh	85, 78.115, 138.180
Yxy	66.8302, 0.3102, 0.5010
Android (android.graphics.Color)	4286115693 (0xFF78EF6D)
YUV	188.5990, -39.2423, -60.1613
Hunter-Lab	81.7497, -52.7254, 38.9577

Details

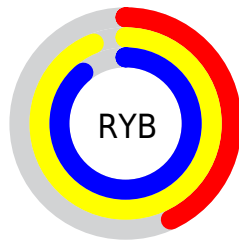
The Hex color **78EF6D** is a light color, and the websafe version is hex **99FF66**. A complement of this color would be **E46DEF**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **B3FFA3**, and **38B638** is the 20% darker color. If you saturate the color by 10%, you get **62EF55**, and if you desaturate by 10%, it is **8EEF85**.

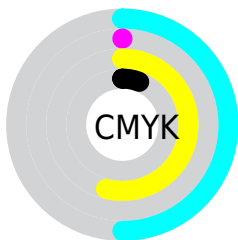
Distribution



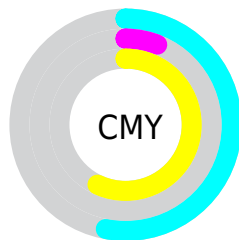
- Red (47%)
- Green (94%)
- Blue (43%)



- Red (43%)
- Yellow (94%)
- Blue (89%)



- Cyan (50%)
- Magenta (0%)
- Yellow (54%)
- Black (6%)



- Cyan (53%)
- Magenta (6%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 78EF6D 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 78EF6D by changing the saturation by 10% instead.

 78EF6D

 78EF6D


FFFFFF

 5AD252

 B3FFA3

 38B638

 D1FFBF

 019A1A

 EFFFDC

 008000

 FFFFF9

 006500

 004C00

 003500

 001B00

 000000

 78EF6D

 78EF6D

 62EF55

 8EEF85

 4CEF3D

 A4EF9D

 36EF25

 BAEFB5

 20EF0D

 D0EFCD

 14EF00

 E5EFE4

 FBEFFC

 FFEFFF

Harmonies

Analogous

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



D1DF38



78EF6D



00F7B5

Triad

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



78EF6D



00E6FF



FF92AC

Complementary

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



78EF6D



E46DEF

Split Complementary

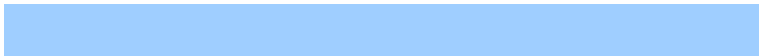
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FF94F6



78EF6D



9FCEFF

Square

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



78EF6D



00F4FF



FFAEFF



FFAA69

Rectangle

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



78EF6D



00F9E8



FFAEFF



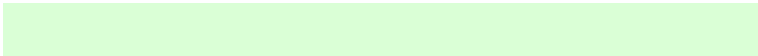
FF8FC4

Sweetspot

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



78EF6D



DAFFD6



EFE26D



698067



000000



808080

Same Dimension

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



78EF6D



67FF59



6DEFA1



6D786C



10B800



053800

Inverse Universe

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



E46DEF



F159FF



EF6DBB



776C78



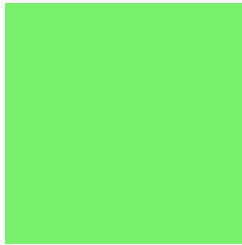
A800B8



330038

Previews

White Background



This preview shows how the Hex color 78EF6D 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 78EF6D looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

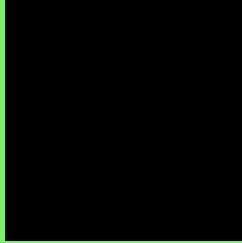
Any Text WCAG AA ✓ Pass

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 78EF6D Background



This preview shows how black text looks on a background with the Hex color 78EF6D.

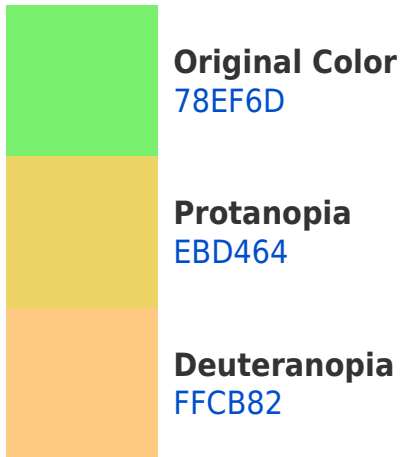


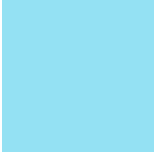
This preview shows how white text looks on a background with the Hex color 78EF6D.

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
94E1F3

Trichromacy



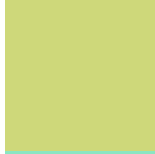
Original Color

78EF6D



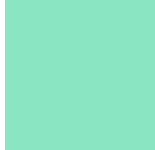
Protanomaly

C1DE67



Deuteranomaly

CED87A



Tritanomaly

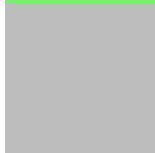
8AE6C2

Monochromacy



Original Color

78EF6D



Achromatopsia

BDBDBD



Achromatomaly

A4CFA0

CSS Examples

Text

The CSS property to change the color of the text to Hex 78EF6D 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 #78EF6D looks like.

```
.text, #text, p{  
    color:#78EF6D  
}
```

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 #78EF6D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #78EF6D
}
```

Border

The CSS property to change the border of an element to Hex 78EF6D 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
#78EF6D }
```

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

```
.border{ border-color:#78EF6D }
```

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

Here you see how a box with a 4 pixel #78EF6D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #78EF6D; -webkit-box-shadow:4px 4px  
4px 4px #78EF6D; box-shadow:4px 4px 4px  
4px #78EF6D }
```

Background

The CSS property to change the background color of an element to Hex 78EF6D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#78EF6D }
```

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

```
.background{ background-color:#78EF6D }
```

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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