

# Converting Colors

Hex(78EE61)

Have a look what the booklet for  
Hex(78EE61) contains.

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**Color**

**Hex(78EE61)**

# Conversions

## Conversions Part 1

Format	Color
Hex	78EE61
RGB	120, 238, 97
RGB Percent	47%, 93%, 38%
CMY	0.5294, 0.0667, 0.6196
CMYK	0.50, 0.00, 0.59, 0.07
HSL	110°, 81%, 66%
HSV	110°, 59%, 93%
XYZ	40.4779, 66.0052, 21.9161
YIQ	186.6440, -25.0670, -68.8670

# Conversions

## Conversions Part 2

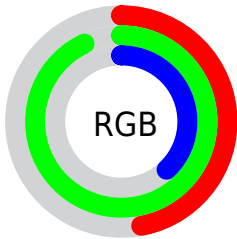
Format	Color
<a href="#">RYB</a>	<a href="#">97, 238, 215</a>
Decimal	<a href="#">7925345</a>
CIELab	<a href="#">85.00, -59.16, 56.93</a>
CIELCh	<a href="#">85, 82.101, 136.102</a>
Yxy	<a href="#">66.0052, 0.3153, 0.5141</a>
Android (android.graphics.Color)	<a href="#">4286115425 (0xFF78EE61)</a>
YUV	<a href="#">186.6440, -44.1945, -58.4468</a>
Hunter-Lab	<a href="#">81.2436, -53.2424, 40.8765</a>

# Details

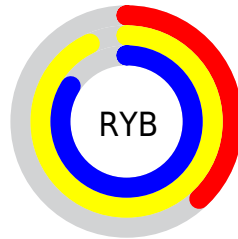
The Hex color **78EE61** is a light color, and the websafe version is hex **99FF66**. A complement of this color would be **D761EE**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **B4FF98**, and **38B529** is the 20% darker color. If you saturate the color by 10%, you get **64EE49**, and if you desaturate by 10%, it is **8CEE79**.

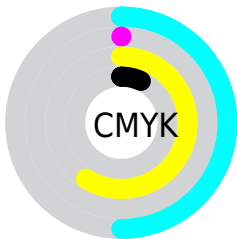
# Distribution



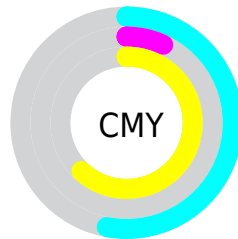
- Red (47%)
- Green (93%)
- Blue (38%)



- Red (38%)
- Yellow (93%)
- Blue (84%)



- Cyan (50%)
- Magenta (0%)
- Yellow (59%)
- Black (7%)



- Cyan (53%)
- Magenta (7%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 78EE61 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 78EE61 by changing the saturation by 10% instead.



 78EE61

 78EE61

FFFFFF

 59D146

 B4FF98

 38B529

 D2FFB4

 009A00

 F0FFD0

 007F00

 FFFFED

 006500

 004B00

 003400

 001A00

 000000

 78EE61

 78EE61

 64EE49

 8CEE79

 50EE31

 A0EE91

 3CEE1A

 B4EEA8

 28EE02

 C8EEC0

 27EE00

 DCEED8

 F0EEF0

 FFEEFF

# Harmonies

## Analogous

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



D4DD26



78EE61



00F7AC

# Triad

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



78EE61



00E7FF



FF8AAE

# Complementary

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



78EE61



D761EE

# 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.



FF8FFC



78EE61



8ACFFF

# Square

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



78EE61



00F5FF



FFADFF



FFA367

# Rectangle

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



78EE61



00F9E2



FFADFF



FF88C8

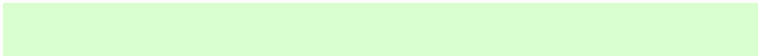


# Sweetspot

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



78EE61



D9FFD1



EED661



688063



000000



808080



# Same Dimension

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



78EE61



67FF4A



61EE90



6E786C



1EB800



093800



# Inverse Universe

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



D761EE



E14AFF



EE61BF



766C78



9A00B8

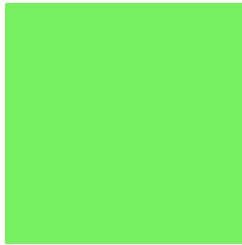


2F0038



# Previews

## White Background



This preview shows how the Hex color 78EE61 looks on a white background.

## Color Contrast Check

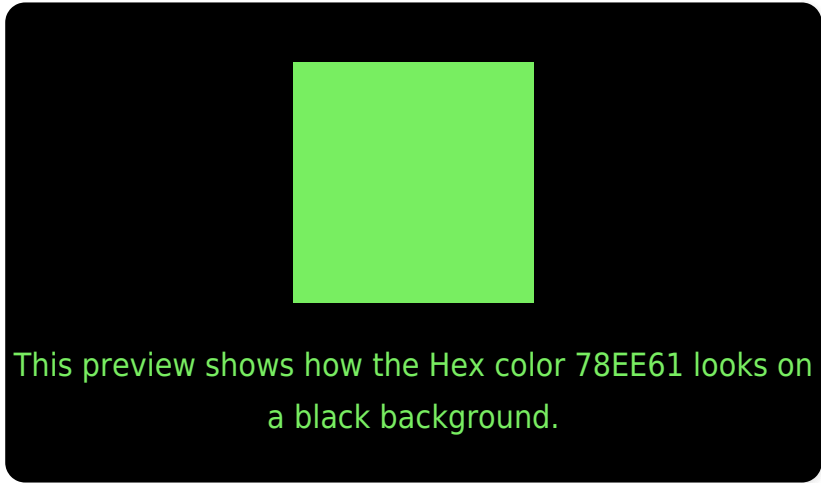
Large Text (above 18pt) WCAG AA × Fail

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

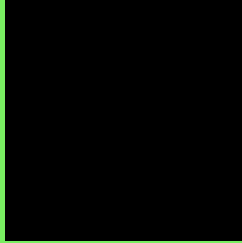
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 78EE61 Background



This preview shows how black text looks on a background with the Hex color 78EE61.

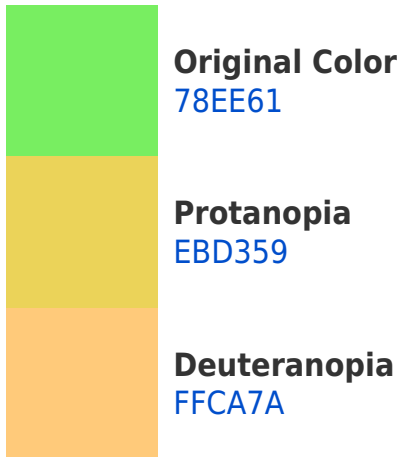


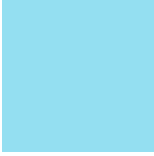
This preview shows how white text looks on a background with the Hex color 78EE61.

# 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



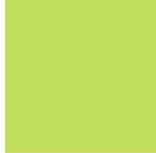


**Tritanopia**  
94DFF1

# Trichromacy



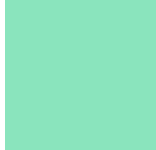
**Original Color**  
78EE61



**Protanomaly**  
C1DD5C



**Deuteranomaly**  
CED771

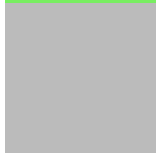


**Tritanomaly**  
8AE4BD

# Monochromacy



**Original Color**  
78EE61



**Achromatopsia**  
BBBBBB



**Achromatomaly**  
A3CE9A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 78EE61 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 #78EE61 looks like.

```
.text, #text, p{  
    color:#78EE61  
}
```

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 #78EE61 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #78EE61
}
```

## Border

The CSS property to change the border of an element to Hex 78EE61 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
#78EE61 }
```

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

```
.border{ border-color:#78EE61 }
```

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

Here you see how a box with a 4 pixel #78EE61 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #78EE61; -webkit-box-shadow:4px 4px  
4px 4px #78EE61; box-shadow:4px 4px 4px  
4px #78EE61 }
```

# Background

The CSS property to change the background color of an element to Hex 78EE61 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#78EE61 }
```

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

```
.background{ background-color:#78EE61 }
```

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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