

Converting Colors

Hex(7AEE4D)

Have a look what the booklet for
Hex(7AEE4D) contains.

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Color

Hex(7AEE4D)

Conversions

Conversions Part 1

Format	Color
Hex	7AEE4D
RGB	122, 238, 77
RGB Percent	48%, 93%, 30%
CMY	0.5216, 0.0667, 0.6980
CMYK	0.49, 0.00, 0.68, 0.07
HSL	103°, 83%, 62%
HSV	103°, 68%, 93%
XYZ	39.9401, 65.8225, 17.6211
YIQ	184.9620, -17.4550, -74.6630

Conversions

Conversions Part 2

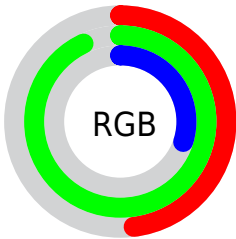
Format	Color
RYB	77, 238, 193
Decimal	8056397
CIELab	84.91, -60.43, 64.99
CIELCh	85, 88.741, 132.921
Yxy	65.8225, 0.3237, 0.5335
Android (android.graphics.Color)	4286246477 (0xFF7AEE4D)
YUV	184.9620, -53.2253, -55.2177
Hunter-Lab	81.1310, -54.1053, 43.9143

Details

The Hex color **7AEE4D** is a dark color, and the websafe version is hex **99FF66**. The color can be described as middle muted chartreuse. A complement of this color would be **C14DEE**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **B6FF85**, and **39B501** is the 20% darker color. If you saturate the color by 10%, you get **69EE35**, and if you desaturate by 10%, it is **8BEE65**.

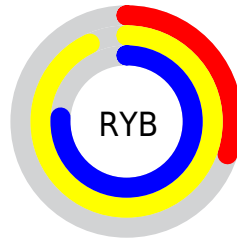
Distribution



Red (48%)

Green (93%)

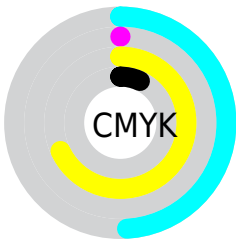
Blue (30%)



Red (30%)

Yellow (93%)

Blue (76%)

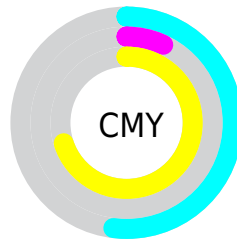


Cyan (49%)

Magenta (0%)

Yellow (68%)

Black (7%)



Cyan (52%)

Magenta (7%)

Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7AEE4D 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 7AEE4D by changing the saturation by 10% instead.

 7AEE4D

 7AEE4D

FFFFFF

 5BD12F

 B6FF85

 39B501

 D4FFA1

 009A00

 F3FFBE

 007F00

 FFFFDB

 006500

 FFFFF8

 004B00

 003400

 001A00

 000000

 7AEE4D

 7AEE4D

 69EE35

 8BEE65

 58EE1D

 9CEE7D

 47EE06

 ADEE94

 43EE00

 BFEEAC

 D0EEC4

 E1EEDC

 F2EEF4

 FFEEFF

Harmonies

Analogous

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



DBDB00



7AEE4D



00F8A0

Triad

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



7AEE4D



00EBFF



FF7FB3

Complementary

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



7AEE4D



C14DEE

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.



FF88FF



7AEE4D



5CD2FF

Square

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



7AEE4D



00F8FF



FFADFF



FF9A65

Rectangle

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



7AEE4D



00FBDA



FFADFF



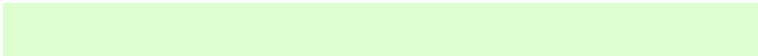
FF7DCF

Sweetspot

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



7AEE4D



DAFFCC



EEC04D



698061



000000



808080

Same Dimension

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



7AEE4D



6AFF30



4DEE70



6F786C



33B800



103800

Inverse Universe

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



C14DEE



C530FF



EE4DCB



756C78



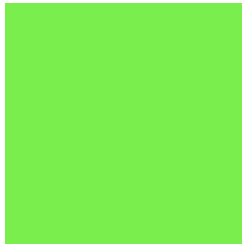
8400B8



280038

Previews

White Background



This preview shows how the Hex color 7AEE4D looks on a white background.

Color Contrast Check

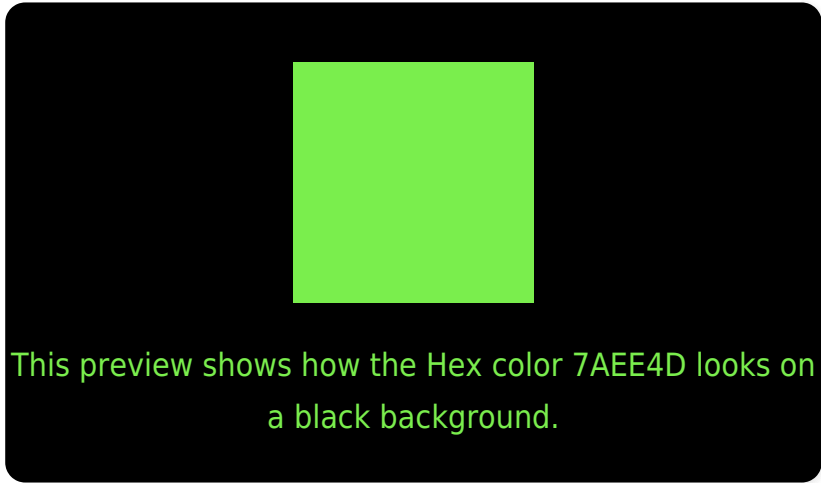
Large Text (above 18pt) WCAG AA × Fail

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

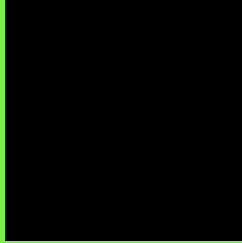
Any Text WCAG AA ✓ Pass

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 7AEE4D Background



This preview shows how black text looks on a background with the Hex color 7AEE4D.

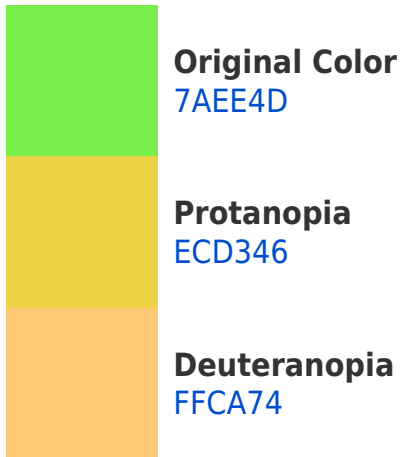


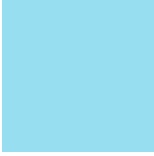
This preview shows how white text looks on a background with the Hex color 7AEE4D.

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
97DEF0

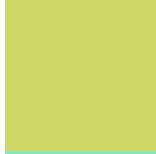
Trichromacy



Original Color
7AEE4D



Protanomaly
C3DD49



Deuteranomaly
CFD766

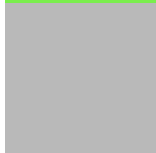


Tritanomaly
8CE4B5

Monochromacy



Original Color
7AEE4D



Achromatopsia
B9B9B9



Achromatomaly
A2CC92

CSS Examples

Text

The CSS property to change the color of the text to Hex 7AEE4D 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 #7AEE4D looks like.

```
.text, #text, p{  
    color:#7AEE4D  
}
```

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 #7AEE4D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7AEE4D
}
```

Border

The CSS property to change the border of an element to Hex 7AEE4D 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
#7AEE4D }
```

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

```
.border{ border-color:#7AEE4D }
```

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

Here you see how a box with a 4 pixel #7AEE4D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7AEE4D; -webkit-box-shadow:4px 4px  
4px 4px #7AEE4D; box-shadow:4px 4px 4px  
4px #7AEE4D }
```

Background

The CSS property to change the background color of an element to Hex 7AEE4D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7AEE4D }
```

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

```
.background{ background-color:#7AEE4D }
```

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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