

Converting Colors

Hex(7EE85B)

Have a look what the booklet for
Hex(7EE85B) contains.

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Color

Hex(7EE85B)

Conversions

Conversions Part 1

Format	Color
Hex	7EE85B
RGB	126, 232, 91
RGB Percent	49%, 91%, 36%
CMY	0.5059, 0.0902, 0.6431
CMYK	0.46, 0.00, 0.61, 0.09
HSL	105°, 75%, 63%
HSV	105°, 61%, 91%
XYZ	39.3491, 62.9042, 19.9653
YIQ	184.2320, -17.9150, -66.3230

Conversions

Conversions Part 2

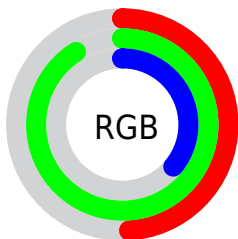
Format	Color
RYB	91, 232, 197
Decimal	8317019
CIELab	83.39, -55.76, 57.74
CIELCh	83, 80.272, 134.001
Yxy	62.9042, 0.3220, 0.5147
Android (android.graphics.Color)	4286507099 (0xFF7EE85B)
YUV	184.2320, -45.9634, -51.0695
Hunter-Lab	79.3122, -50.2371, 40.5934

Details

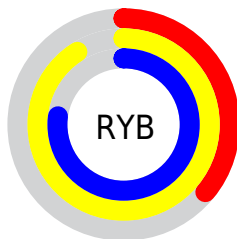
The Hex color **7EE85B** is a dark color, and the websafe version is hex **99FF66**. The color can be described as middle muted chartreuse. A complement of this color would be **C55BE8**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **B9FF92**, and **41AF22** is the 20% darker color. If you saturate the color by 10%, you get **6DE844**, and if you desaturate by 10%, it is **8FE872**.

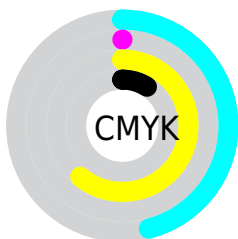
Distribution



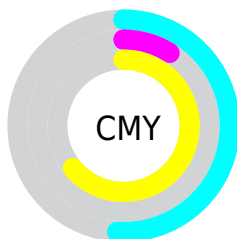
- Red (49%)
- Green (91%)
- Blue (36%)



- Red (36%)
- Yellow (91%)
- Blue (77%)



- Cyan (46%)
- Magenta (0%)
- Yellow (61%)
- Black (9%)



- Cyan (51%)
- Magenta (9%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7EE85B 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 7EE85B by changing the saturation by 10% instead.

 7EE85B

 7EE85B

FFFFFF

 60CB40

 B9FF92

 41AF22

 D7FFAE

 199400

 F5FFCA

 007A00

 FFFFE7

 006000

 004700

 003000

 001400

 000000

 7EE85B

 7EE85B

 6DE844

 8FE872

 5BE82D

 A1E889

 4AE815

 B2E8A1

 3AE800

 C4E8B8

 D5E8CF

 E7E8E6

 F8E8FD

 FFE8FF

Harmonies

Analogous

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



D5D725



7EE85B



00F1A3

Triad

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



7EE85B



00E4FF



FF87AF

Complementary

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



7EE85B



C55BE8

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.



FF8EFB



7EE85B



7ACCFE

Square

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



7EE85B



00F0FF



FFACFF



FF9E69

Rectangle

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



7EE85B



00F3D8



FFACFF



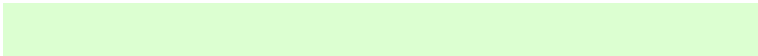
FF86C9

Sweetspot

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



7EE85B



DCFFD1



E8C55B



6A8063



000000



808080

Same Dimension

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



7EE85B



73FF45



5BE87E



6A7367



2CB300



0D3300

Inverse Universe

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



C55BE8



D145FF



E85BC5



706773



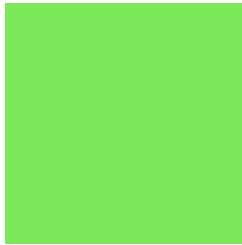
8600B3



260033

Previews

White Background



This preview shows how the Hex color 7EE85B looks on a white background.

Color Contrast Check

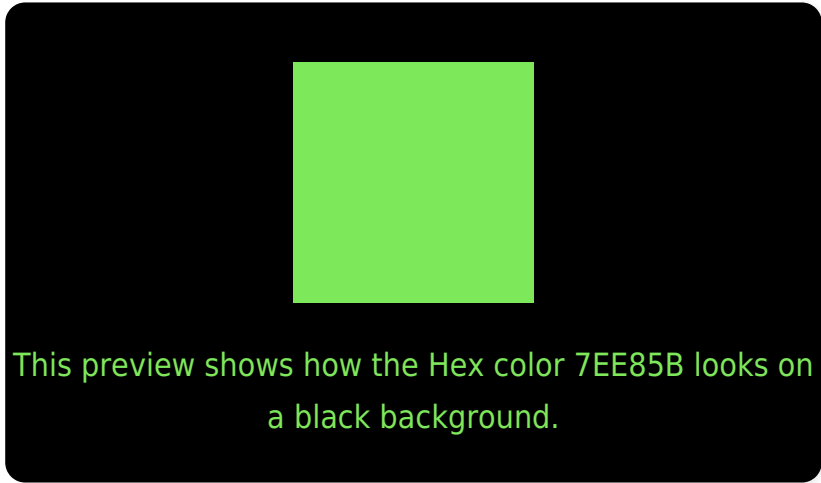
Large Text (above 18pt) WCAG AA × Fail

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 7EE85B Background



This preview shows how black text looks on a background with the Hex color 7EE85B.

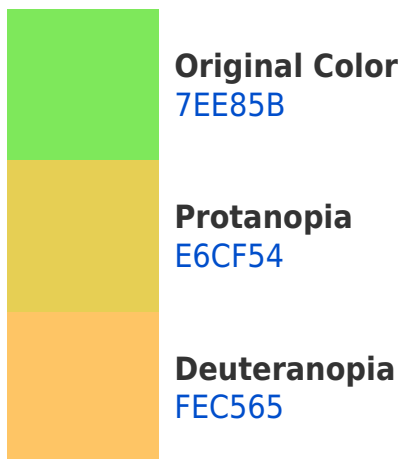


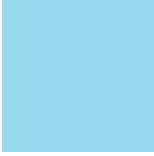
This preview shows how white text looks on a background with the Hex color 7EE85B.

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
98D9EB

Trichromacy



Original Color
7EE85B



Protanomaly
C0D857



Deuteranomaly
CFD261



Tritanomaly
8FDEB7

Monochromacy



Original Color
7EE85B



Achromatopsia
B8B8B8



Achromatomaly
A3C996

CSS Examples

Text

The CSS property to change the color of the text to Hex 7EE85B 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 #7EE85B looks like.

```
.text, #text, p{  
    color:#7EE85B  
}
```

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 #7EE85B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7EE85B  
}
```

Border

The CSS property to change the border of an element to Hex 7EE85B 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  
#7EE85B }
```

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

```
.border{ border-color:#7EE85B }
```

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

Here you see how a box with a 4 pixel #7EE85B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7EE85B; -webkit-box-shadow:4px 4px  
4px 4px #7EE85B; box-shadow:4px 4px 4px  
4px #7EE85B }
```

Background

The CSS property to change the background color of an element to Hex 7EE85B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7EE85B }
```

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

```
.background{ background-color:#7EE85B }
```

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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