

Converting Colors

Hex(7FE949)

Have a look what the booklet for
Hex(7FE949) contains.

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Color

Hex(7FE949)

Conversions

Conversions Part 1

Format	Color
Hex	7FE949
RGB	127, 233, 73
RGB Percent	50%, 91%, 29%
CMY	0.5020, 0.0863, 0.7137
CMYK	0.45, 0.00, 0.69, 0.09
HSL	100°, 78%, 60%
HSV	100°, 69%, 91%
XYZ	39.0939, 63.2709, 16.4554
YIQ	183.0660, -11.8160, -72.2320

Conversions

Conversions Part 2

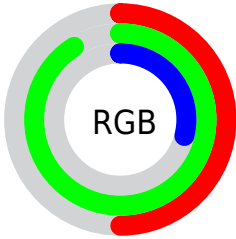
Format	Color
RYB	73, 233, 179
Decimal	8382793
CIELab	83.58, -57.40, 65.17
CIELCh	84, 86.842, 131.375
Yxy	63.2709, 0.3290, 0.5325
Android (android.graphics.Color)	4286572873 (0xFF7FE949)
YUV	183.0660, -54.2625, -49.1699
Hunter-Lab	79.5430, -51.4708, 43.4145

Details

The Hex color **7FE949** 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 **B349E9**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **BAFF81**, and **41B000** is the 20% darker color. If you saturate the color by 10%, you get **70E932**, and if you desaturate by 10%, it is **8EE960**.

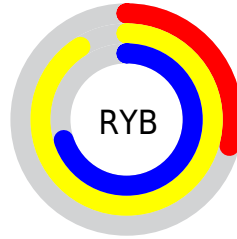
Distribution



Red (50%)

Green (91%)

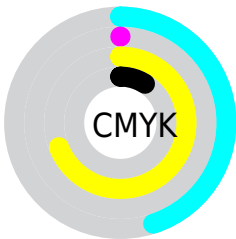
Blue (29%)



Red (29%)

Yellow (91%)

Blue (70%)

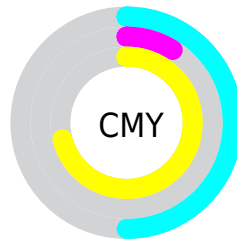


Cyan (45%)

Magenta (0%)

Yellow (69%)

Black (9%)



Cyan (50%)

Magenta (9%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7FE949 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 7FE949 by changing the saturation by 10% instead.

 7FE949

 7FE949

FFFFFF

 61CC2A

 BAFF81

 41B000

 D8FF9D

 179500

 F7FFBA

 007A00

 FFFFD7

 006100

 FFFFF4

 004700

 003100

 001500

 000000

 7FE949


 7FE949

 70E932

 8EE960

 60E91A

 9EE978

 51E903

 ADE98F

 4FE900

 BDE9A6

 CCE9BE

 DCE9D5

 EBE9EC

 FAE9FF

 FFE9FF

Harmonies

Analogous

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



DBD600



7FE949



00F399

Triad

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



7FE949



00E7FF



FF7DB5

Complementary

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



7FE949



B349E9

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



7FE949



4ACFFF

Square

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



7FE949



00F3FF



FBACFF



FF9667

Rectangle

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



7FE949



00F6D2



FBACFF



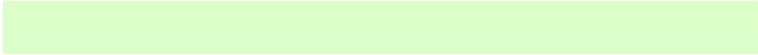
FF7CD0

Sweetspot

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



7FE949



DCFFC9



E9B149



6A8060



000000



808080

Same Dimension

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



7FE949



74FF2E



49E961



6E756A



3DB500



123600

Inverse Universe

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



B349E9



B82EFF



E949D1



716A75



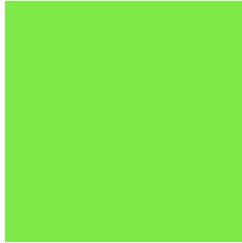
7800B5



230036

Previews

White Background



This preview shows how the Hex color 7FE949 looks on a white background.

Color Contrast Check

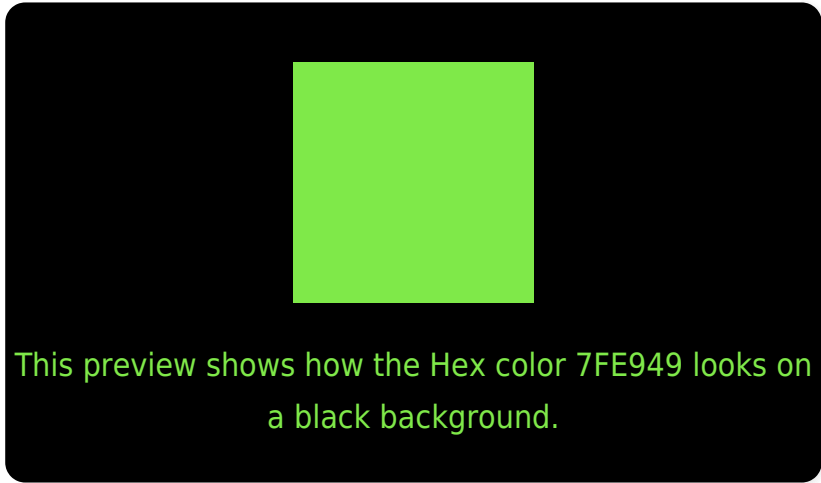
Large Text (above 18pt) WCAG AA × Fail

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

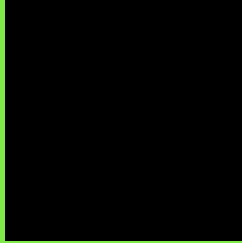
Any Text WCAG AA ✓ Pass

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 7FE949 Background



This preview shows how black text looks on a background with the Hex color 7FE949.

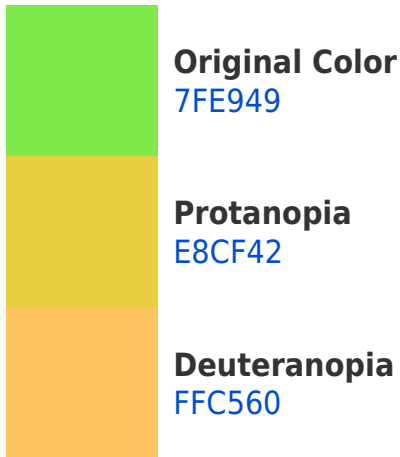


This preview shows how white text looks on a background with the Hex color 7FE949.

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



Trichromacy



Original Color
7FE949



Protanomaly
C2D845



Deuteranomaly
D0D258

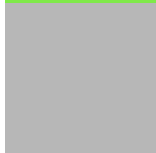


Tritanomaly
90DFB0

Monochromacy



Original Color
7FE949



Achromatopsia
B7B7B7



Achromatomaly
A3C98F

CSS Examples

Text

The CSS property to change the color of the text to Hex 7FE949 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 #7FE949 looks like.

```
.text, #text, p{  
    color:#7FE949  
}
```

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 #7FE949 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7FE949
}
```

Border

The CSS property to change the border of an element to Hex 7FE949 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
#7FE949 }
```

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

```
.border{ border-color:#7FE949 }
```

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

Here you see how a box with a 4 pixel #7FE949 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7FE949; -webkit-box-shadow:4px 4px  
4px 4px #7FE949; box-shadow:4px 4px 4px  
4px #7FE949 }
```

Background

The CSS property to change the background color of an element to Hex 7FE949 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7FE949 }
```

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

```
.background{ background-color:#7FE949 }
```

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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