

Converting Colors

Hex(7EEF99)

Have a look what the booklet for
Hex(7EEF99) contains.

Hex(7EEF99)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(7EEF99)

Conversions

Conversions Part 1

Format	Color
Hex	7EEF99
RGB	126, 239, 153
RGB Percent	49%, 94%, 60%
CMY	0.5059, 0.0627, 0.4000
CMYK	0.47, 0.00, 0.36, 0.06
HSL	134°, 78%, 72%
HSV	134°, 47%, 94%
XYZ	45.2205, 68.4685, 40.9694
YIQ	195.4090, -39.7420, -50.7020

Conversions

Conversions Part 2

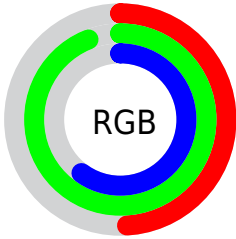
Format	Color
RYB	126, 217, 239
Decimal	8318873
CIELab	86.24, -50.36, 31.89
CIELCh	86, 59.605, 147.656
Yxy	68.4685, 0.2924, 0.4427
Android (android.graphics.Color)	4286508953 (0xFF7EEF99)
YUV	195.4090, -20.9076, -60.8717
Hunter-Lab	82.7457, -47.2549, 28.5661

Details

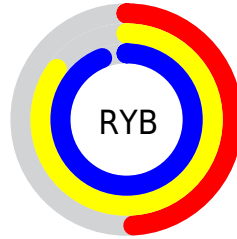
The Hex color **7EEF99** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **EF7ED4**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **B8FFD0**, and **42B665** is the 20% darker color. If you saturate the color by 10%, you get **66EF87**, and if you desaturate by 10%, it is **96EFAB**.

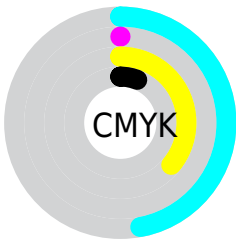
Distribution



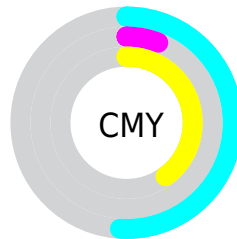
- Red (49%)
- Green (94%)
- Blue (60%)



- Red (49%)
- Yellow (85%)
- Blue (94%)



- Cyan (47%)
- Magenta (0%)
- Yellow (36%)
- Black (6%)



- Cyan (51%)
- Magenta (6%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7EEF99 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 7EEF99 by changing the saturation by 10% instead.

 7EEF99

 7EEF99

FFFFFF

 61D27F

 B8FFD0

 42B665

 D5FFEC

 1E9B4C

 F3FFFF

 008034

 00661D

 004D03

 003500

 001E00

 000000

 7EEF99

 7EEF99

 66EF87

 96EFAB

 4EEF75

 AEEFBD

 36EF62

 C6EFD0

 1EEF50

 DEEFE2

 07EF3E

 F6EFF4

 00EF39

 FFEFFF

Harmonies

Analogous

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



C5E470



7EEF99



00F4D1

Triad

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



7EEF99



66DFFF



FFADA6

Complementary

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



7EEF99



EF7ED4

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.



FFA9DF



7EEF99



D5CBFF

Square

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



7EEF99



00EDFF



FFB5FF



FFBF79

Rectangle

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



7EEF99



00F5F8



FFB5FF



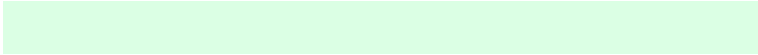
FFAAB8

Sweetspot

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



7EEF99



DBFFE4



D5EF7E



6A806F



000000



808080

Same Dimension

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



7EEF99



6EFF90



7EEFD1



6C786F



00B82C



00380D

Inverse Universe

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



EF7ED4



FF6EDC



EF7E9C



786C75



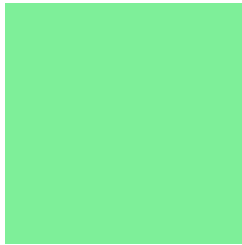
B8008C



38002B

Previews

White Background



This preview shows how the Hex color 7EEF99 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 7EEF99 Background



This preview shows how black text looks on a background with the Hex color 7EEF99.

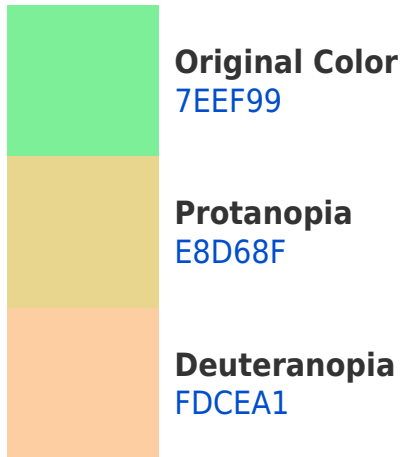


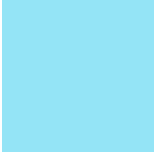
This preview shows how white text looks on a background with the Hex color 7EEF99.

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





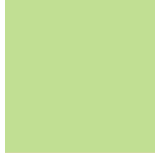
Tritanopia
94E4F6

Trichromacy



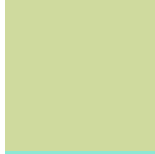
Original Color

7EEF99



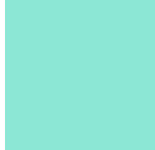
Protanomaly

C1DF93



Deuteranomaly

CFDA9E



Tritanomaly

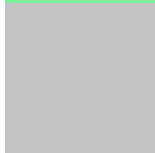
8CE8D4

Monochromacy



Original Color

7EEF99



Achromatopsia

C3C3C3



Achromatomaly

AAD3B4

CSS Examples

Text

The CSS property to change the color of the text to Hex 7EEF99 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 #7EEF99 looks like.

```
.text, #text, p{  
    color:#7EEF99  
}
```

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 #7EEF99 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7EEF99
}
```

Border

The CSS property to change the border of an element to Hex 7EEF99 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
#7EEF99 }
```

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

```
.border{ border-color:#7EEF99 }
```

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

Here you see how a box with a 4 pixel #7EEF99 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7EEF99; -webkit-box-shadow:4px 4px  
4px 4px #7EEF99; box-shadow:4px 4px 4px  
4px #7EEF99 }
```

Background

The CSS property to change the background color of an element to Hex 7EEF99 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7EEF99 }
```

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

```
.background{ background-color:#7EEF99 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor