

Converting Colors

Hex(7EF3B5)

Have a look what the booklet for
Hex(7EF3B5) contains.

Hex(7EF3B5)	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(7EF3B5)

Conversions

Conversions Part 1

Format	Color
Hex	7EF3B5
RGB	126, 243, 181
RGB Percent	49%, 95%, 71%
CMY	0.5059, 0.0471, 0.2902
CMYK	0.48, 0.00, 0.26, 0.05
HSL	148°, 83%, 72%
HSV	148°, 48%, 95%
XYZ	48.9953, 71.8730, 55.0066
YIQ	200.9490, -49.8300, -44.0860

Conversions

Conversions Part 2

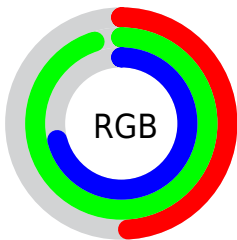
Format	Color
R_{YB}	126, 206, 243
Decimal	8319925
CIE _{Lab}	87.91, -46.97, 19.86
CIE _{LCh}	88, 50.999, 157.077
Yxy	71.8730, 0.2786, 0.4087
Android (android.graphics.Color)	4286510005 (0xFF7EF3B5)
YUV	200.9490, -9.8349, -65.7303
Hunter-Lab	84.7779, -45.2018, 20.8753

Details

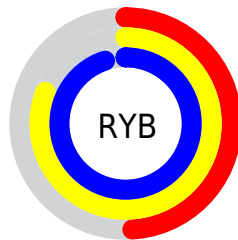
The Hex color **7EF3B5** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **F37EBC**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **B8FFED**, and **42BA80** is the 20% darker color. If you saturate the color by 10%, you get **66F3A8**, and if you desaturate by 10%, it is **96F3C2**.

Distribution



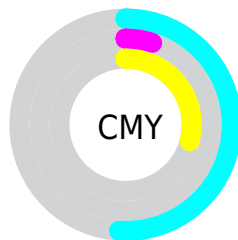
- Red (49%)
- Green (95%)
- Blue (71%)



- Red (49%)
- Yellow (81%)
- Blue (95%)



- Cyan (48%)
- Magenta (0%)
- Yellow (26%)
- Black (5%)



- Cyan (51%)
- Magenta (5%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7EF3B5 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 7EF3B5 by changing the saturation by 10% instead.

 7EF3B5

 7EF3B5

FFFFFF

 61D69A

 B8FFED

 42BA80

 D6FFFF

 1C9F67

 F4FFFF

 00844E

 006A37

 005121

 00380B

 002300

 000000

 7EF3B5

 7EF3B5

 66F3A8

 96F3C2

 4DF39B

 AFF3CF

 35F38E

 C7F3DC

 1DF381

 DFF3E9

 04F375

 F7F3F5

 00F372

 FFF3FF

Harmonies

Analogous

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



BCEB8D



7EF3B5



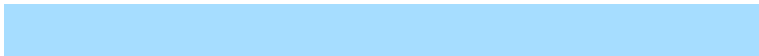
15F6E7

Triad

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



7EF3B5



A6DDFF



FFBDA4

Complementary

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



7EF3B5



F37EBC

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.



FFB5D3



7EF3B5



F1CBFF

Square

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



7EF3B5



3AECFF



FFBCFF



FFCD84

Rectangle

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



7EF3B5



00F5FF



FFBCFF



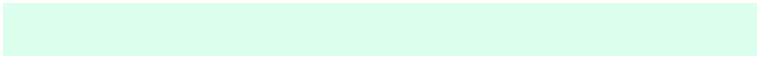
FFB9B3

Sweetspot

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



7EF3B5



DBFFEC



BCF37E



6A8074



000000



808080

Same Dimension

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



7EF3B5



6BFFB1



7EF3EF



6E7A74



00BA58



003B1C

Inverse Universe

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



F37EBC



FF6BB9



F37E82



7A6E75



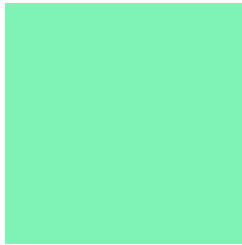
BA0063



3B001F

Previews

White Background



This preview shows how the Hex color 7EF3B5 looks on a white background.

Color Contrast Check

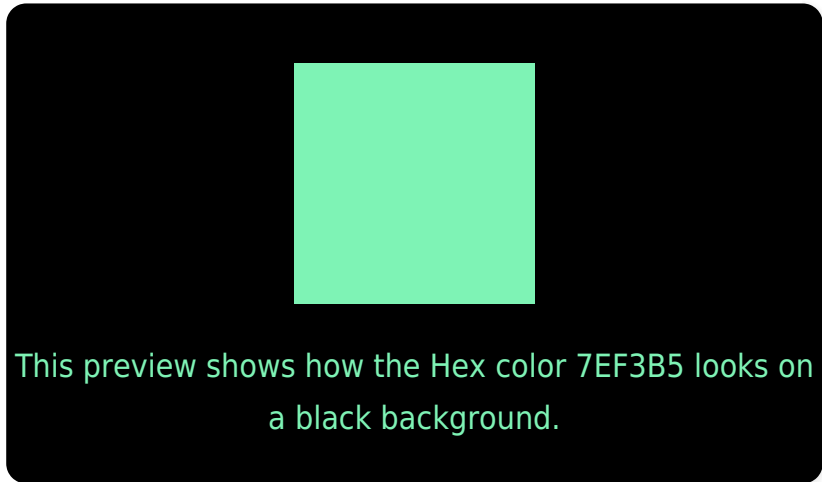
Large Text (above 18pt) WCAG AA × Fail

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

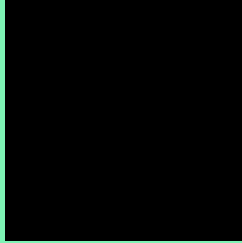
Any Text WCAG AA ✓ Pass

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 7EF3B5 Background



This preview shows how black text looks on a background with the Hex color 7EF3B5.

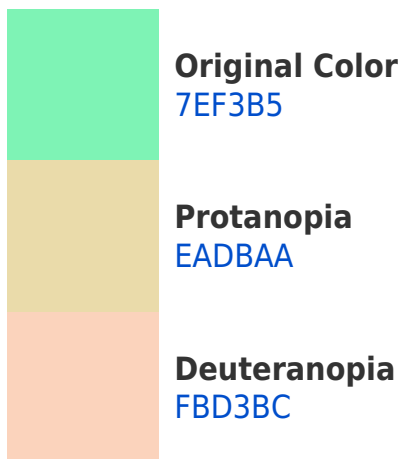


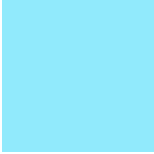
This preview shows how white text looks on a background with the Hex color 7EF3B5.

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



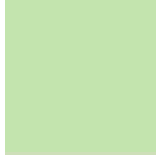


Tritanopia
91EAFC

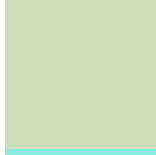
Trichromacy



Original Color
7EF3B5



Protanomaly
C3E4AE



Deuteranomaly
CEDFB9



Tritanomaly
8AEDE2

Monochromacy



Original Color
7EF3B5



Achromatopsia
C9C9C9



Achromatomaly
AED8C2

CSS Examples

Text

The CSS property to change the color of the text to Hex 7EF3B5 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 #7EF3B5 looks like.

```
.text, #text, p{  
    color:#7EF3B5  
}
```

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 #7EF3B5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7EF3B5
}
```

Border

The CSS property to change the border of an element to Hex 7EF3B5 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
#7EF3B5 }
```

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

```
.border{ border-color:#7EF3B5 }
```

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

Here you see how a box with a 4 pixel #7EF3B5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7EF3B5; -webkit-box-shadow:4px 4px  
4px 4px #7EF3B5; box-shadow:4px 4px 4px  
4px #7EF3B5 }
```

Background

The CSS property to change the background color of an element to Hex 7EF3B5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7EF3B5 }
```

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

```
.background{ background-color:#7EF3B5 }
```

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