

Converting Colors

Hex(7EF343)

Have a look what the booklet for
Hex(7EF343) contains.

| | |
|--|----|
| Hex(7EF343) | 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(7EF343)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 7EF343 |
| RGB | 126, 243, 67 |
| RGB Percent | 49%, 95%, 26% |
| CMY | 0.5059, 0.0471, 0.7373 |
| CMYK | 0.48, 0.00, 0.72, 0.05 |
| HSL | 100°, 88%, 61% |
| HSV | 100°, 72%, 95% |
| XYZ | 41.6679, 68.9421, 16.4212 |
| YIQ | 187.9530, -13.2360, -79.5400 |

Conversions

Conversions Part 2

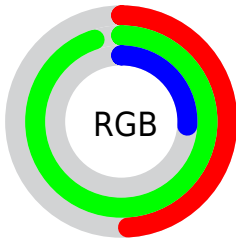
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 67, 243, 184 |
| Decimal | 8319811 |
| CIELab | 86.48, -61.87, 70.22 |
| CIELCh | 86, 93.593, 131.383 |
| Yxy | 68.9421, 0.3280, 0.5427 |
| Android (android.graphics.Color) | 4286509891 (0xFF7EF343) |
| YUV | 187.9530, -59.6298, -54.3328 |
| Hunter-Lab | 83.0314, -55.7276, 46.3961 |

Details

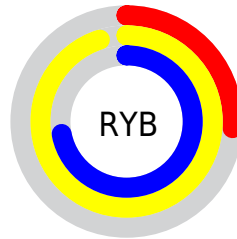
The Hex color **7EF343** is a dark color, and the websafe version is hex **99FF33**. The color can be described as middle washed chartreuse. A complement of this color would be **B843F3**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **BBFF7D**, and **3DBA00** is the 20% darker color. If you saturate the color by 10%, you get **6EF32B**, and if you desaturate by 10%, it is **8EF35B**.

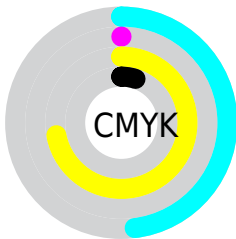
Distribution



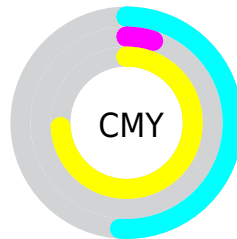
- Red (49%)
- Green (95%)
- Blue (26%)



- Red (26%)
- Yellow (95%)
- Blue (72%)



- Cyan (48%)
- Magenta (0%)
- Yellow (72%)
- Black (5%)



- Cyan (51%)
- Magenta (5%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7EF343 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 7EF343 by changing the saturation by 10% instead.

 7EF343

 7EF343

FFFFFF

 5FD621

 BBFF7D

 3DBA00


 D9FF9A

 059E00

 F8FFB6

 008300

 FFFFD4

 006900

 FFFFF1

 004F00

 003800

 001F00

 000000

 7EF343

 7EF343

 6EF32B

 8EF35B

 5EF312

 9EF374

 51F300

 AEF38C

 BFF3A4

 CFF3BC

 DFF3D5

 EFF3ED

 FFF3FF

Harmonies

Analogous

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



E3DF00



7EF343



00FE9C

Triad

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



7EF343



00F2FF



FF7BBA

Complementary

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



7EF343



B843F3

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.



FF87FF



7EF343



2FD8FF

Square

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



7EF343



00FEFF



FFB1FF



FF9866

Rectangle

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



7EF343



00FFDA



FFB1FF



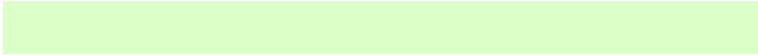
FF7AD8

Sweetspot

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



7EF343



DAFFC7



F3B543



69805E



000000



808080

Same Dimension

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



7EF343



6CFF21



43F35D



727A6E



3EBA00



143B00

Inverse Universe

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



B843F3



B521FF



F343D9



766E7A



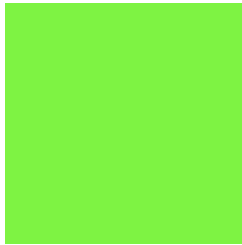
7C00BA



27003B

Previews

White Background



This preview shows how the Hex color 7EF343 looks on a white background.

Color Contrast Check

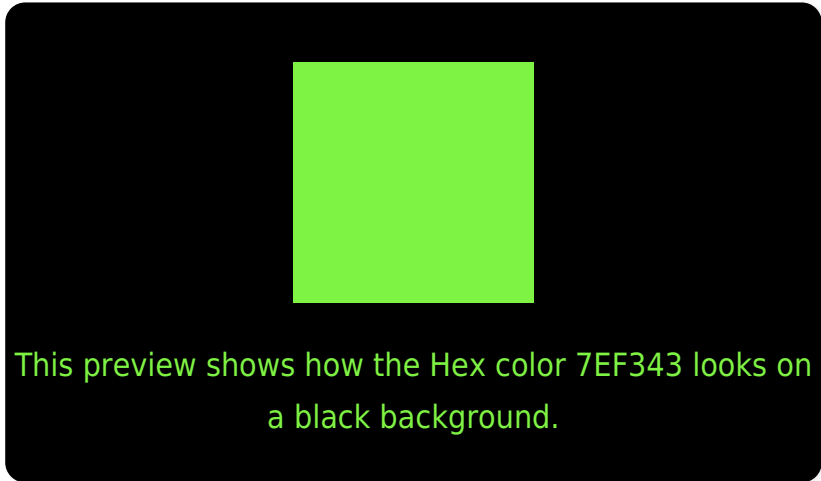
Large Text (above 18pt) WCAG AA × Fail

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

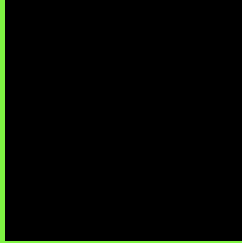
Any Text WCAG AA ✓ Pass

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 7EF343 Background



This preview shows how black text looks on a background with the Hex color 7EF343.

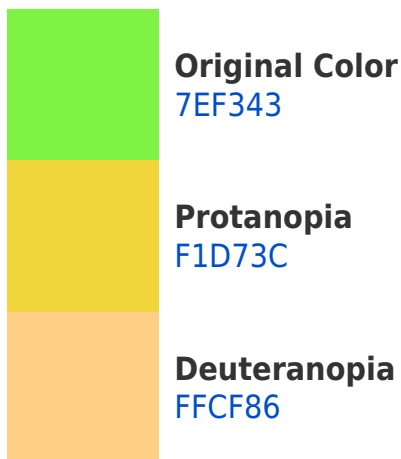


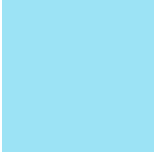
This preview shows how white text looks on a background with the Hex color 7EF343.

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
9CE3F5

Trichromacy



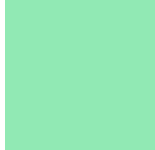
Original Color
7EF343



Protanomaly
C7E13F



Deuteranomaly
D0DC6E

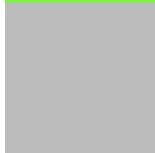


Tritanomaly
91E9B4

Monochromacy



Original Color
7EF343



Achromatopsia
BCBCBC



Achromatomaly
A5D090

CSS Examples

Text

The CSS property to change the color of the text to Hex 7EF343 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 #7EF343 looks like.

```
.text, #text, p{  
    color:#7EF343  
}
```

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 #7EF343 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7EF343
}
```

Border

The CSS property to change the border of an element to Hex 7EF343 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
#7EF343 }
```

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

```
.border{ border-color:#7EF343 }
```

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

Here you see how a box with a 4 pixel #7EF343 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7EF343; -webkit-box-shadow:4px 4px  
4px 4px #7EF343; box-shadow:4px 4px 4px  
4px #7EF343 }
```

Background

The CSS property to change the background color of an element to Hex 7EF343 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7EF343 }
```

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

```
.background{ background-color:#7EF343 }
```

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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