

Converting Colors

Hex(7EC35F)

Have a look what the booklet for
Hex(7EC35F) contains.

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Color

Hex(7EC35F)

Conversions

Conversions Part 1

Format	Color
Hex	7EC35F
RGB	126, 195, 95
RGB Percent	49%, 76%, 37%
CMY	0.5059, 0.2353, 0.6275
CMYK	0.35, 0.00, 0.51, 0.24
HSL	101°, 45%, 57%
HSV	101°, 51%, 76%
XYZ	30.1848, 44.2921, 17.7848
YIQ	162.9690, -9.0240, -45.7280

Conversions

Conversions Part 2

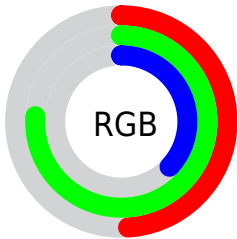
Format	Color
RYB	95, 195, 164
Decimal	8307551
CIELab	72.42, -40.00, 43.13
CIELCh	72, 58.825, 132.849
Yxy	44.2921, 0.3272, 0.4801
Android (android.graphics.Color)	4286497631 (0xFF7EC35F)
YUV	162.9690, -33.5087, -32.4218
Hunter-Lab	66.5523, -35.5076, 30.7425

Details

The Hex color **7EC35F** is a dark color, and the websafe version is hex **99CC66**. The color can be described as middle muted chartreuse. A complement of this color would be **A45FC3**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **B6FC94**, and **488D2C** is the 20% darker color. If you saturate the color by 10%, you get **71C34C**, and if you desaturate by 10%, it is **8BC373**.

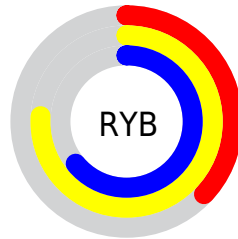
Distribution



Red (49%)

Green (76%)

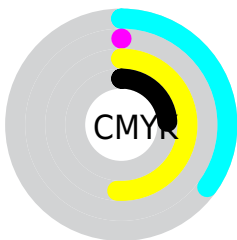
Blue (37%)



Red (37%)

Yellow (76%)

Blue (64%)

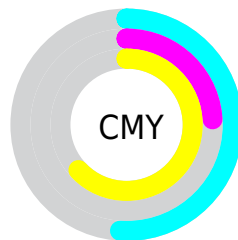


Cyan (35%)

Magenta (0%)

Yellow (51%)

Black (24%)



Cyan (51%)

Magenta (24%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7EC35F 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 7EC35F by changing the saturation by 10% instead.

 7EC35F

 7EC35F

FFFFFF

 63A846

 B6FC94

 488D2C

 D2FFAF

 2C7311

 EFFFFB

 075A00

 FFFFE7

 004100

 002B00

 001000

 000000

 7EC35F

 7EC35F

 71C34C

 8BC373

 63C338

 99C386

 56C325

 A6C39A

 48C311

 B4C3AD

 3CC300

 C1C3C1

 CFC3D4

 DCC3E8

 EAC3FB

 F7C3FF

Harmonies

Analogous

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



BAB642



7EC35F



00CA90

Triad

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



7EC35F



00C0FF



FF829D

Complementary

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



7EC35F



A45FC3

Split Complementary

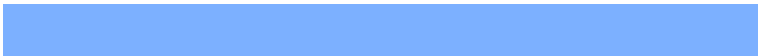
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FF87D3



7EC35F



7CB0FF

Square

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



7EC35F



00C9F9



D39AFF



FF8F6B

Rectangle

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



7EC35F



00CCB5



D39AFF



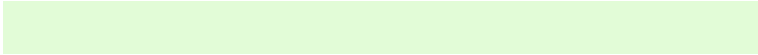
FF82AF

Sweetspot

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



7EC35F



E2FCD7



C3A35F



708069



000000



808080

Same Dimension

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



7EC35F



90FC60



5FC371



5A6157



32A100



0A2100

Inverse Universe

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



A45FC3



CC60FC



C35FB1



5E5761



6F00A1



170021

Previews

White Background



This preview shows how the Hex color 7EC35F looks on a white background.

Color Contrast Check

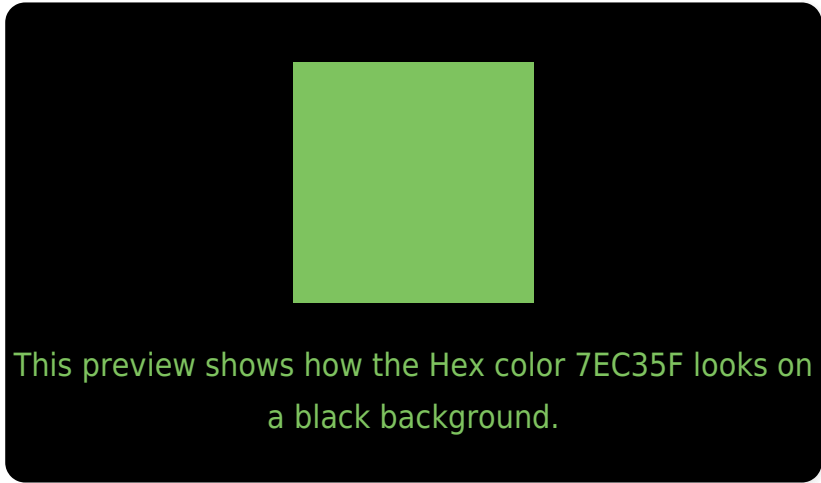
Large Text (above 18pt) WCAG AA × Fail

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 7EC35F Background



This preview shows how black text looks on a background with the Hex color 7EC35F.

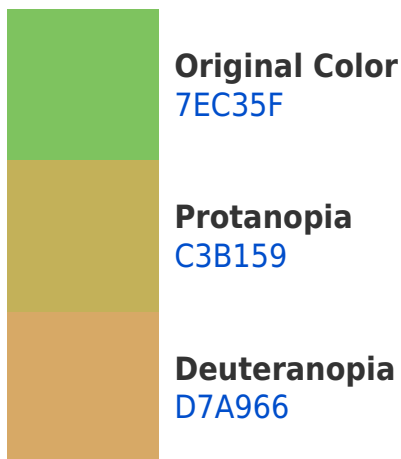


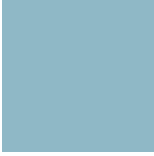
This preview shows how white text looks on a background with the Hex color 7EC35F.

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
8FB8C6

Trichromacy



Original Color
7EC35F

Protanomaly
AAB85B

Deuteranomaly
B7B263

Tritanomaly
89BCA1

Monochromacy



Original Color
7EC35F

Achromatopsia
A3A3A3

Achromatomaly
96AF8A

CSS Examples

Text

The CSS property to change the color of the text to Hex 7EC35F 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 #7EC35F looks like.

```
.text, #text, p{  
    color:#7EC35F  
}
```

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 #7EC35F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7EC35F
}
```

Border

The CSS property to change the border of an element to Hex 7EC35F 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
#7EC35F }
```

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

```
.border{ border-color:#7EC35F }
```

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

Here you see how a box with a 4 pixel #7EC35F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7EC35F; -webkit-box-shadow:4px 4px  
4px 4px #7EC35F; box-shadow:4px 4px 4px  
4px #7EC35F }
```

Background

The CSS property to change the background color of an element to Hex 7EC35F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7EC35F }
```

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

```
.background{ background-color:#7EC35F }
```

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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