

Converting Colors

Hex(71E157)

Have a look what the booklet for
Hex(71E157) contains.

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Color

Hex(71E157)

Conversions

Conversions Part 1

Format	Color
Hex	71E157
RGB	113, 225, 87
RGB Percent	44%, 88%, 34%
CMY	0.5569, 0.1176, 0.6588
CMYK	0.50, 0.00, 0.61, 0.12
HSL	109°, 70%, 61%
HSV	109°, 61%, 88%
XYZ	35.4556, 58.0493, 18.3528
YIQ	175.7800, -22.4540, -66.6620

Conversions

Conversions Part 2

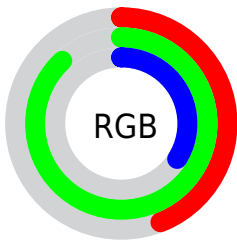
Format	Color
RYB	87, 225, 199
Decimal	7463255
CIELab	80.77, -57.17, 56.36
CIELCh	81, 80.276, 135.406
Yxy	58.0493, 0.3170, 0.5190
Android (android.graphics.Color)	4285653335 (0xFF71E157)
YUV	175.7800, -43.7685, -55.0581
Hunter-Lab	76.1901, -50.2664, 39.0512

Details

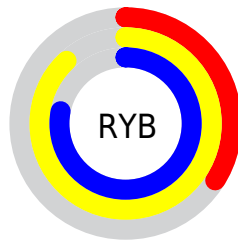
The Hex color **71E157** is a dark color, and the websafe version is hex **66CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **C757E1**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **ACFF8D**, and **30A91E** is the 20% darker color. If you saturate the color by 10%, you get **5FE141**, and if you desaturate by 10%, it is **83E16E**.

Distribution



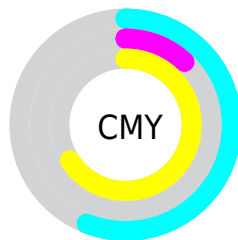
- Red (44%)
- Green (88%)
- Blue (34%)



- Red (34%)
- Yellow (88%)
- Blue (78%)



- Cyan (50%)
- Magenta (0%)
- Yellow (61%)
- Black (12%)




- Cyan (56%)
- Magenta (12%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 71E157 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 71E157 by changing the saturation by 10% instead.

 71E157

 71E157

FFFFFF

 52C53C

 ACFF8D

 30A91E

 CAFFA9

 008E00

 E8FFC5

 007300

 FFFFE2


 005900

 004100

 002A00

 000500

 000000

 71E157

 71E157

 5FE141

 83E16E

 4CE12A

 96E184

 3AE114

 A8E19B

 2AE100

 BAE1B1

 CCE1C8

 DFE1DE

 F1E1F4

 FFE1FF

Harmonies

Analogous

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



C9D11B



71E157



00E9A0

Triad

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



71E157



00DBFF



FF80A5

Complementary

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



71E157



C757E1

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.



FF85F0



71E157



7AC4FF

Square

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



71E157



00E8FF



FDA3FF



FF9860

Rectangle

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



71E157



00ECD4



FDA3FF



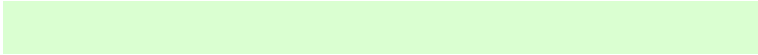
FF7EBE

Sweetspot

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



71E157



DAFFD1



E1C557



698063



000000



808080

Same Dimension

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



71E157



66FF42



57E180



677065



21B000



093000

Inverse Universe

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



C757E1



DB42FF



E157B8



6E6570



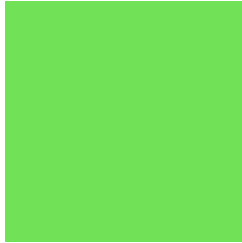
8F00B0



270030

Previews

White Background



This preview shows how the Hex color 71E157 looks on a white background.

Color Contrast Check

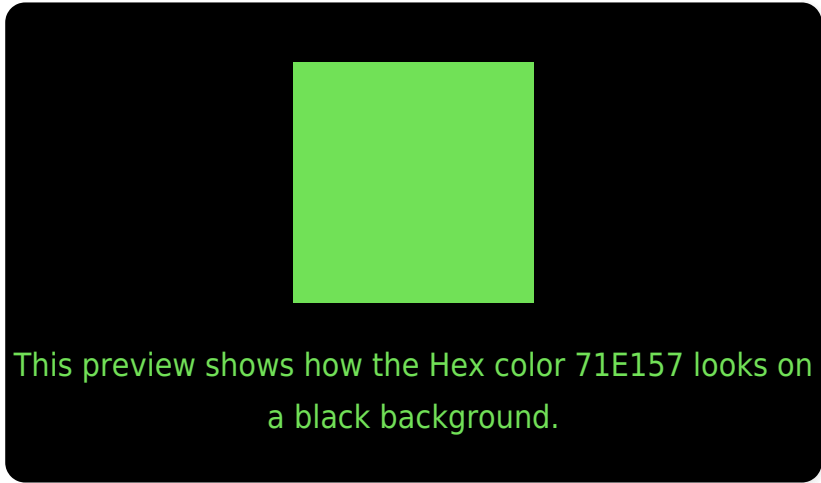
Large Text (above 18pt) WCAG AA × Fail

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

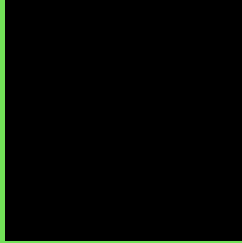
Any Text WCAG AA ✓ Pass

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 71E157 Background



This preview shows how black text looks on a background with the Hex color 71E157.

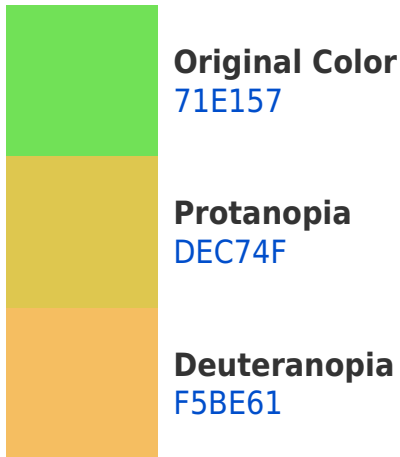


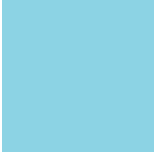
This preview shows how white text looks on a background with the Hex color 71E157.

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





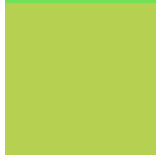
Tritanopia
8CD3E4

Trichromacy



Original Color

71E157



Protanomaly

B6D052



Deuteranomaly

C5CB5D



Tritanomaly

82D8B1

Monochromacy



Original Color

71E157



Achromatopsia

B0B0B0



Achromatomaly

99C290

CSS Examples

Text

The CSS property to change the color of the text to Hex 71E157 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 #71E157 looks like.

```
.text, #text, p{  
    color:#71E157  
}
```

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 #71E157 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #71E157
}
```

Border

The CSS property to change the border of an element to Hex 71E157 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
#71E157 }
```

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

```
.border{ border-color:#71E157 }
```

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

Here you see how a box with a 4 pixel #71E157 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #71E157; -webkit-box-shadow:4px 4px  
4px 4px #71E157; box-shadow:4px 4px 4px  
4px #71E157 }
```

Background

The CSS property to change the background color of an element to Hex 71E157 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#71E157 }
```

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

```
.background{ background-color:#71E157 }
```

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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