

Converting Colors

Hex(71E154)

Have a look what the booklet for
Hex(71E154) contains.

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Color

Hex(71E154)

Conversions

Conversions Part 1

Format	Color
Hex	71E154
RGB	113, 225, 84
RGB Percent	44%, 88%, 33%
CMY	0.5569, 0.1176, 0.6706
CMYK	0.50, 0.00, 0.63, 0.12
HSL	108°, 70%, 61%
HSV	108°, 63%, 88%
XYZ	35.3355, 58.0012, 17.7205
YIQ	175.4380, -21.4910, -67.5950

Conversions

Conversions Part 2

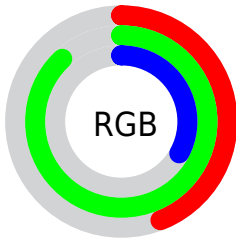
Format	Color
RYB	84, 225, 196
Decimal	7463252
CIELab	80.74, -57.46, 57.60
CIElCh	81, 81.356, 134.930
Yxy	58.0012, 0.3182, 0.5223
Android (android.graphics.Color)	4285653332 (0xFF71E154)
YUV	175.4380, -45.0789, -54.7581
Hunter-Lab	76.1585, -50.4583, 39.5154

Details

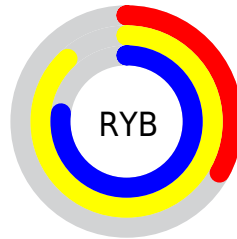
The Hex color **71E154** is a dark color, and the websafe version is hex **66CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **C454E1**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **ACFF8B**, and **30A919** is the 20% darker color. If you saturate the color by 10%, you get **5FE13D**, and if you desaturate by 10%, it is **83E16A**.

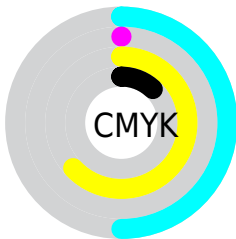
Distribution



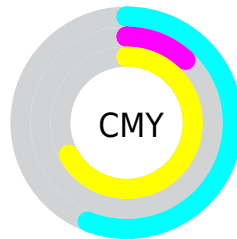
- Red (44%)
- Green (88%)
- Blue (33%)



- Red (33%)
- Yellow (88%)
- Blue (77%)



- Cyan (50%)
- Magenta (0%)
- Yellow (63%)
- Black (12%)



- Cyan (56%)
- Magenta (12%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 71E154 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 71E154 by changing the saturation by 10% instead.

 71E154

 71E154

FFFFFF

 52C538

 ACFF8B

 30A919

 CAFFA6

 008E00

 E8FFC3

 007300

 FFFFDF

 005900


FFFFFFD


 004000

 002A00

 000500

 000000

 71E154

 71E154

 5FE13D

 83E16A

 4DE127

 95E181

 3BE110

 A7E198

 2EE100

 B8E1AE

 CAE1C4

 DCE1DB

 EEE1F1

 FFE1FF

Harmonies

Analogous

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



CAD113



71E154



00EA9E

Triad

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



71E154



00DCFF



FF7EA6

Complementary

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



71E154



C454E1

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.



FF84F2



71E154



74C4FF

Square

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



71E154



00E8FF



FCA3FF



FF975F

Rectangle

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



71E154



00ECD3



FCA3FF



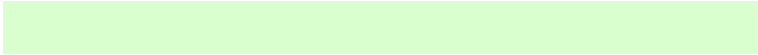
FF7CBF

Sweetspot

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



71E154



D9FFCF



E1C254



688062



000000



808080

Same Dimension

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



71E154



67FF40



54E17C



677065



24B000



0A3000

Inverse Universe

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



C454E1



D840FF



E154B9



6E6570



8C00B0



260030

Previews

White Background



This preview shows how the Hex color 71E154 looks on a white background.

Color Contrast Check

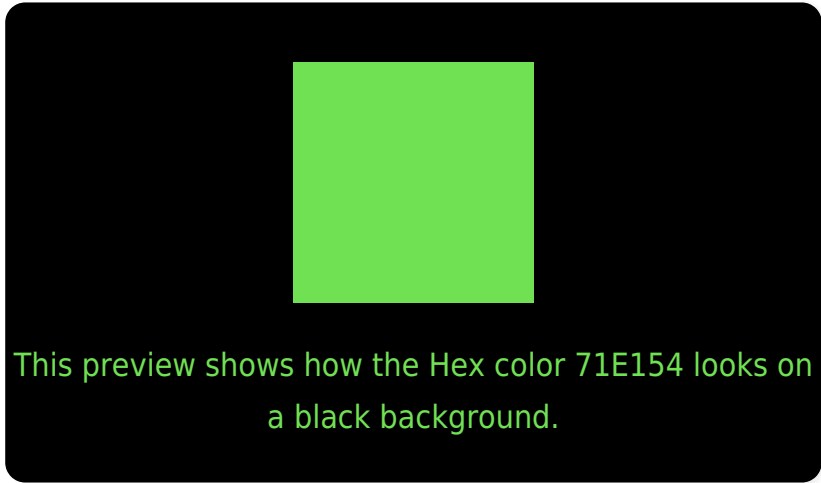
Large Text (above 18pt) WCAG AA × Fail

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

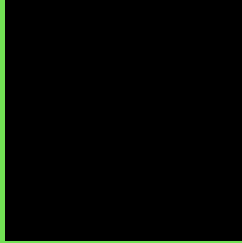
Any Text WCAG AA ✓ Pass

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 71E154 Background



This preview shows how black text looks on a background with the Hex color 71E154.

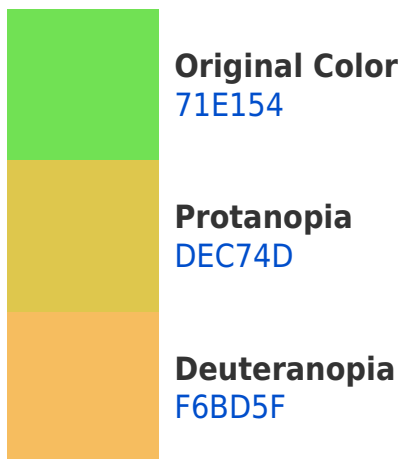


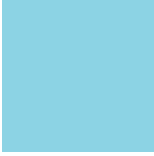
This preview shows how white text looks on a background with the Hex color 71E154.

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](#).

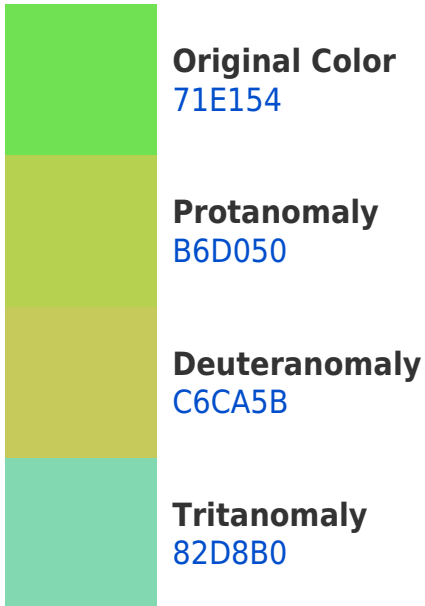
Dichromacy



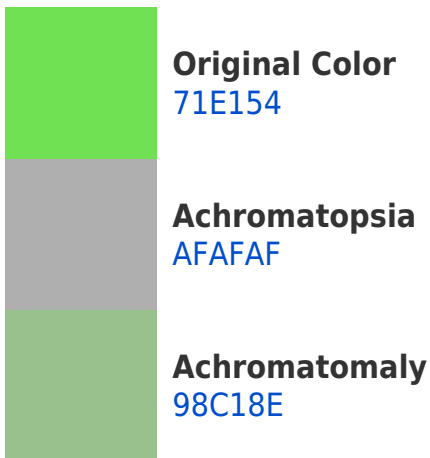


Tritanopia
8CD3E4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 71E154 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 #71E154 looks like.

```
.text, #text, p{  
    color:#71E154  
}
```

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 #71E154 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #71E154
}
```

Border

The CSS property to change the border of an element to Hex 71E154 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
#71E154 }
```

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

```
.border{ border-color:#71E154 }
```

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

Here you see how a box with a 4 pixel #71E154 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #71E154; -webkit-box-shadow:4px 4px  
4px 4px #71E154; box-shadow:4px 4px 4px  
4px #71E154 }
```

Background

The CSS property to change the background color of an element to Hex 71E154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#71E154 }
```

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

```
.background{ background-color:#71E154 }
```

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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