

Converting Colors

Hex(71E356)

Have a look what the booklet for
Hex(71E356) contains.

Hex(71E356)	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(71E356)

Conversions

Conversions Part 1

Format	Color
Hex	71E356
RGB	113, 227, 86
RGB Percent	44%, 89%, 34%
CMY	0.5569, 0.1098, 0.6627
CMYK	0.50, 0.00, 0.62, 0.11
HSL	109°, 72%, 61%
HSV	109°, 62%, 89%
XYZ	35.9589, 59.1208, 18.3203
YIQ	176.8400, -22.6830, -68.0190

Conversions

Conversions Part 2

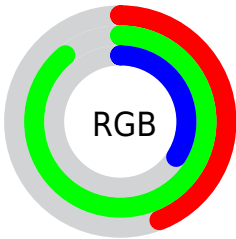
Format	Color
RYB	86, 227, 200
Decimal	7463766
CIELab	81.36, -58.02, 57.45
CIELCh	81, 81.648, 135.286
Yxy	59.1208, 0.3171, 0.5213
Android (android.graphics.Color)	4285653846 (0xFF71E356)
YUV	176.8400, -44.7841, -55.9877
Hunter-Lab	76.8900, -51.0792, 39.6962

Details

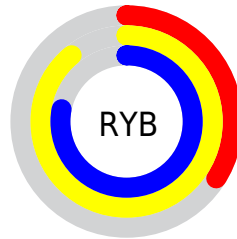
The Hex color **71E356** is a dark color, and the websafe version is hex **66CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **C856E3**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **ACFF8D**, and **30AB1C** is the 20% darker color. If you saturate the color by 10%, you get **5FE33F**, and if you desaturate by 10%, it is **83E36D**.

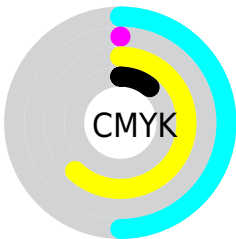
Distribution



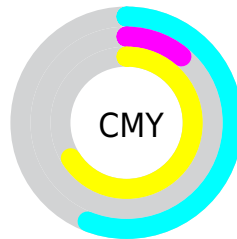
- Red (44%)
- Green (89%)
- Blue (34%)



- Red (34%)
- Yellow (89%)
- Blue (78%)



- Cyan (50%)
- Magenta (0%)
- Yellow (62%)
- Black (11%)



- Cyan (56%)
- Magenta (11%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 71E356 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 71E356 by changing the saturation by 10% instead.

 71E356

 71E356

FFFFFF

 52C63A

 ACFF8D

 30AB1C

 CAFFA8

 008F00

 E8FFC5

 007500

 FFFFE2

 005B00

 004200

 002B00

 000900

 000000

 71E356

 71E356

 5FE33F

 83E36D

 4CE329

 96E383

 3AE312

 A8E39A

 2BE300

 BAE3B1

 CDE3C8

 DFE3DE

 F1E3F5

 FFE3FF

Harmonies

Analogous

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



CBD316



71E356



00ECA1

Triad

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



71E356



00DDFF



FF80A6

Complementary

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



71E356



C856E3

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.



FF85F3



71E356



78C5FF

Square

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



71E356



00EAFF



FFA4FF



FF9960

Rectangle

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



71E356



00EED6



FFA4FF



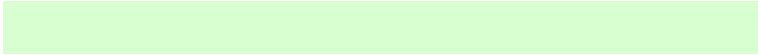
FF7DC0

Sweetspot

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



71E356



D8FFCF



E3C756



688062



000000



808080

Same Dimension

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



71E356



64FF40



56E380



697367



22B300



0A3300

Inverse Universe

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



C856E3



DA40FF



E356B9



716773



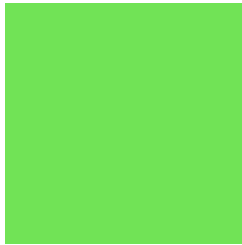
9000B3



290033

Previews

White Background



This preview shows how the Hex color 71E356 looks on a white background.

Color Contrast Check

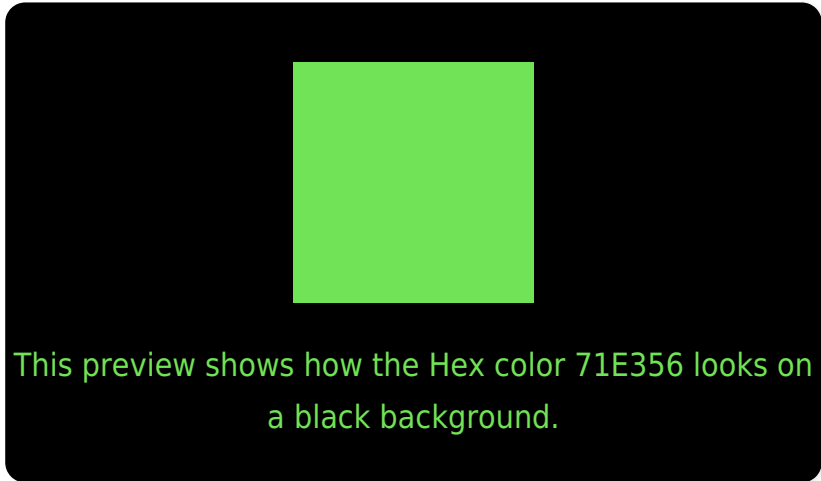
Large Text (above 18pt) WCAG AA × Fail

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

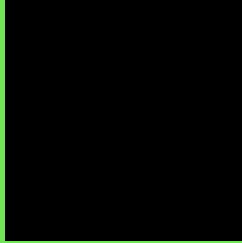
Any Text WCAG AA ✓ Pass

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 71E356 Background



This preview shows how black text looks on a background with the Hex color 71E356.

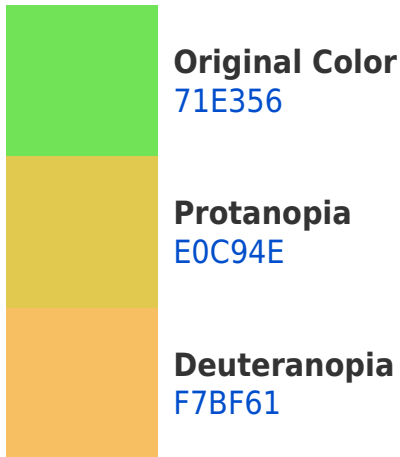


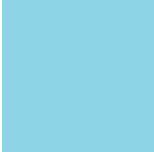
This preview shows how white text looks on a background with the Hex color 71E356.

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
8DD5E6

Trichromacy



Original Color

71E356



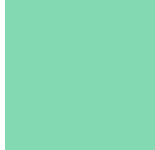
Protanomaly

B8D251



Deuteranomaly

C6CC5D



Tritanomaly

83DAB2

Monochromacy



Original Color

71E356



Achromatopsia

B1B1B1



Achromatomaly

9AC390

CSS Examples

Text

The CSS property to change the color of the text to Hex 71E356 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 #71E356 looks like.

```
.text, #text, p{  
    color:#71E356  
}
```

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 #71E356 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #71E356
}
```

Border

The CSS property to change the border of an element to Hex 71E356 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
#71E356 }
```

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

```
.border{ border-color:#71E356 }
```

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

Here you see how a box with a 4 pixel #71E356 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #71E356; -webkit-box-shadow:4px 4px  
4px 4px #71E356; box-shadow:4px 4px 4px  
4px #71E356 }
```

Background

The CSS property to change the background color of an element to Hex 71E356 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#71E356 }
```

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

```
.background{ background-color:#71E356 }
```

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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