

Converting Colors

Hex(70AE1E)

Have a look what the booklet for
Hex(70AE1E) contains.

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Color

Hex(70AE1E)

Conversions

Conversions Part 1

Format	Color
Hex	70AE1E
RGB	112, 174, 30
RGB Percent	44%, 68%, 12%
CMY	0.5608, 0.3176, 0.8824
CMYK	0.36, 0.00, 0.83, 0.32
HSL	86°, 71%, 40%
HSV	86°, 83%, 68%
XYZ	22.0525, 33.8106, 6.5921
YIQ	139.0460, 9.2720, -57.9280

Conversions

Conversions Part 2

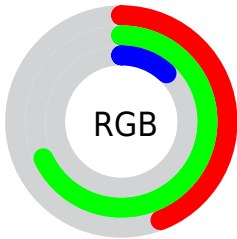
Format	Color
RYB	30, 174, 92
Decimal	7384606
CIELab	64.81, -41.09, 60.80
CIELCh	65, 73.380, 124.051
Yxy	33.8106, 0.3531, 0.5414
Android (android.graphics.Color)	4285574686 (0xFF70AE1E)
YUV	139.0460, -53.7597, -23.7193
Hunter-Lab	58.1469, -34.0600, 33.9811

Details

The Hex color **70AE1E** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **5C1EAE**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **A8E659**, and **377900** is the 20% darker color. If you saturate the color by 10%, you get **69AE0D**, and if you desaturate by 10%, it is **77AE2F**.

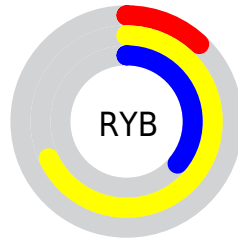
Distribution



Red (44%)

Green (68%)

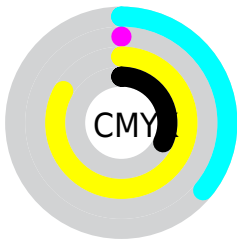
Blue (12%)



Red (12%)

Yellow (68%)

Blue (36%)

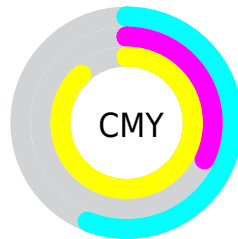


Cyan (36%)

Magenta (0%)

Yellow (83%)

Black (32%)



Cyan (56%)

Magenta (32%)

Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 70AE1E 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 70AE1E by changing the saturation by 10% instead.

 70AE1E

 70AE1E

FFFFFF

 549300

 A8E659

 377900

 C5FF74

 196000

 E3FF90

 004700

 FFFFAC

 003000

 FFFFC8

 001900

 FFFF E5

 000000

 70AE1E

 70AE1E

 69AE0D

 77AE2F

■ 63AE00

■ 7FAE41

■ 86AE52

■ 8EAE64

■ 95AE75

■ 9DAE86

■ A4AE98

■ ACAEA9

■ B3AEBB

Harmonies

Analogous

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



B49D00



70AE1E



00B760

Triad

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



70AE1E



00B3FF



FF5797

Complementary

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



70AE1E



5C1EAE

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.



F268D8



70AE1E



00A2FF

Square

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



70AE1E



00BAE5



A88FF



FF6757

Rectangle

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



70AE1E



00BA8E



A888FF



FF5AAD

Sweetspot

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



70AE1E



CBE3AA



AE5A1E



647350



F2F2F2



737373

Same Dimension

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



70AE1E



82E302



2AAE1E



53574E



569600



0D1700

Inverse Universe

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



5C1EAE



6302E3



A21EAE



524E57



410096



0A0017

Previews

White Background



This preview shows how the Hex color 70AE1E looks on a white background.

Color Contrast Check

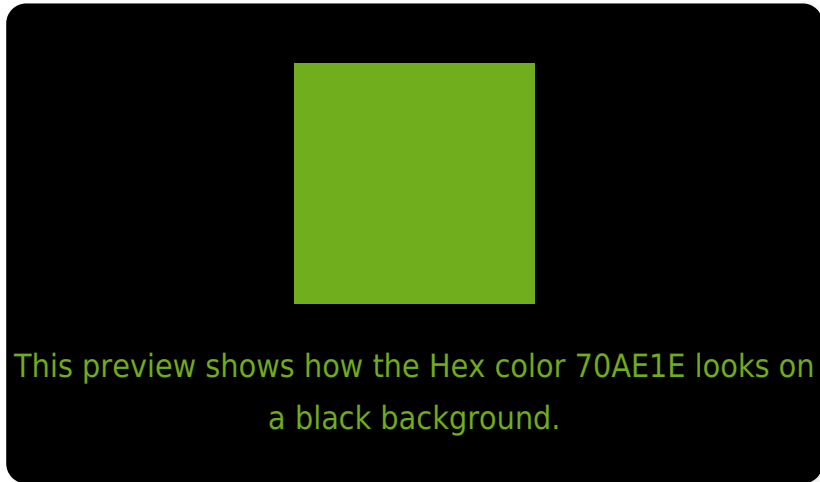
Large Text (above 18pt) WCAG AA × Fail

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 70AE1E Background



This preview shows how black text looks on a background with the Hex color 70AE1E.

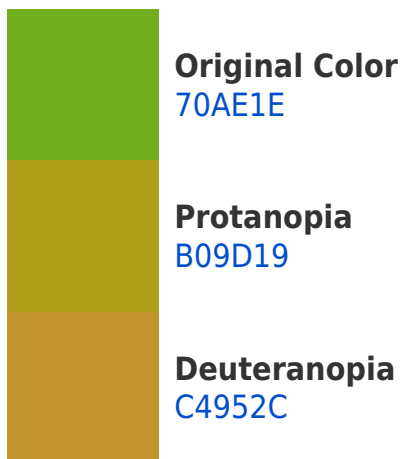


This preview shows how white text looks on a background with the Hex color 70AE1E.

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](#).

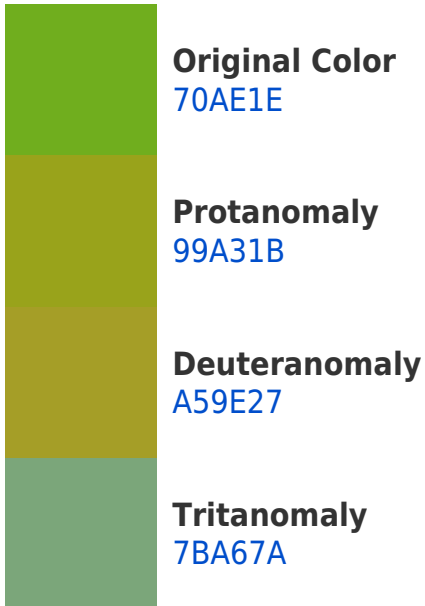
Dichromacy



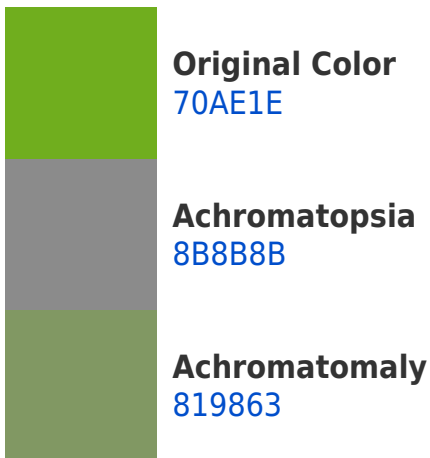


Tritanopia
82A2AF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 70AE1E 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 #70AE1E looks like.

```
.text, #text, p{  
    color:#70AE1E  
}
```

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 #70AE1E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #70AE1E
}
```

Border

The CSS property to change the border of an element to Hex 70AE1E 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
#70AE1E }
```

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

```
.border{ border-color:#70AE1E }
```

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

Here you see how a box with a 4 pixel #70AE1E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #70AE1E; -webkit-box-shadow:4px 4px  
4px 4px #70AE1E; box-shadow:4px 4px 4px  
4px #70AE1E }
```

Background

The CSS property to change the background color of an element to Hex 70AE1E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#70AE1E }
```

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

```
.background{ background-color:#70AE1E }
```

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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