

Converting Colors

Hex(71AA3F)

Have a look what the booklet for
Hex(71AA3F) contains.

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Color

Hex(71AA3F)

Conversions

Conversions Part 1

Format	Color
Hex	71AA3F
RGB	113, 170, 63
RGB Percent	44%, 67%, 25%
CMY	0.5569, 0.3333, 0.7529
CMYK	0.34, 0.00, 0.63, 0.33
HSL	92°, 46%, 46%
HSV	92°, 63%, 67%
XYZ	22.0820, 32.6190, 9.8349
YIQ	140.7590, 0.3750, -45.3610

Conversions

Conversions Part 2

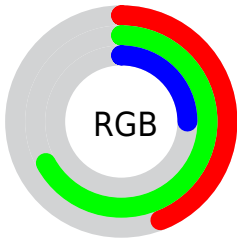
Format	Color
RYB	63, 170, 120
Decimal	7449151
CIELab	63.85, -36.81, 47.94
CIELCh	64, 60.441, 127.519
Yxy	32.6190, 0.3422, 0.5054
Android (android.graphics.Color)	4285639231 (0xFF71AA3F)
YUV	140.7590, -38.3352, -24.3446
Hunter-Lab	57.1131, -30.9333, 29.7694

Details

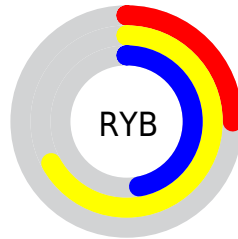
The Hex color **71AA3F** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **783FAA**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **A8E273**, and **3B7503** is the 20% darker color. If you saturate the color by 10%, you get **68AA2E**, and if you desaturate by 10%, it is **7AAA50**.

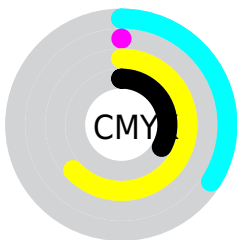
Distribution



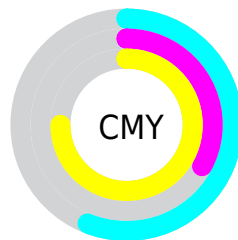
- Red (44%)
- Green (67%)
- Blue (25%)



- Red (25%)
- Yellow (67%)
- Blue (47%)



- Cyan (34%)
- Magenta (0%)
- Yellow (63%)
- Black (33%)



- Cyan (56%)
- Magenta (33%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 71AA3F 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 71AA3F by changing the saturation by 10% instead.



71AA3F



71AA3F

FFFFFF



568F25



A8E273



3B7503



C4FE8E



1F5C00



E1FFA9



004400



FFFFC5



002D00



FFFFE1



001600



000000



71AA3F



71AA3F



68AA2E



7AAA50

■ 5FAA1D

■ 83AA61

■ 56AA0C

■ 8CAA72

■ 4FAA00

■ 95AA83

■ 9EAA94

■ A7AAA5

■ B0AAB6

■ B9AAC7

■ C3AAD8

Harmonies

Analogous

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



AA9C23



71AA3F



00B26F

Triad

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



71AA3F



00ABFE



FC688F

Complementary

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



71AA3F



783FAA

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.



E671C5



71AA3F



409CFF

Square

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



71AA3F



00B3DB



AF87F1



F5745C

Rectangle

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



71AA3F



00B494



AF87F1



F868A1

Sweetspot

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



71AA3F



C7DEB4



AA763F



627056



F0F0F0



707070

Same Dimension

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



71AA3F



84DE35



3FAA41



50544C



459400



0A1400

Inverse Universe

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



783FAA



8F35DE



AA3FA8



504C54



4F0094



0B0014

Previews

White Background



This preview shows how the Hex color 71AA3F looks on a white background.

Color Contrast Check

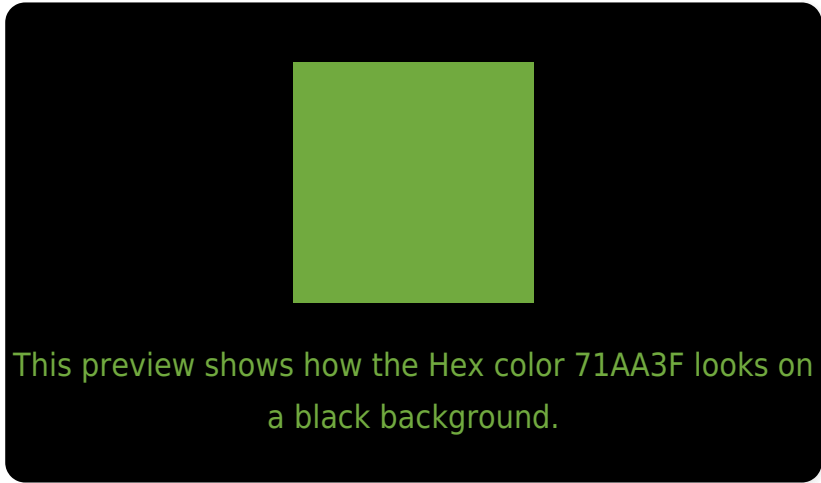
Large Text (above 18pt) WCAG AA × Fail

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 71AA3F Background



This preview shows how black text looks on a background with the Hex color 71AA3F.



This preview shows how white text looks on a background with the Hex color 71AA3F.

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

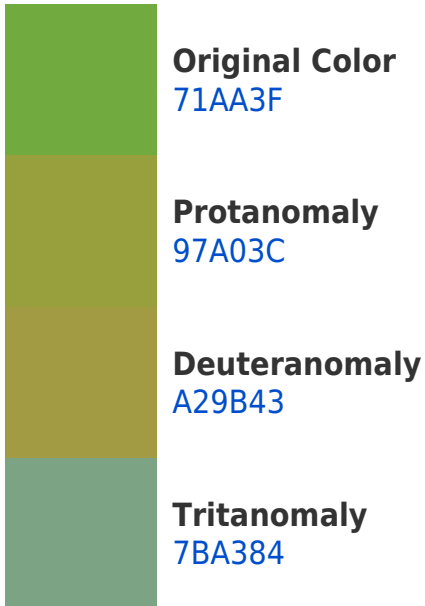


Original Color
71AA3F

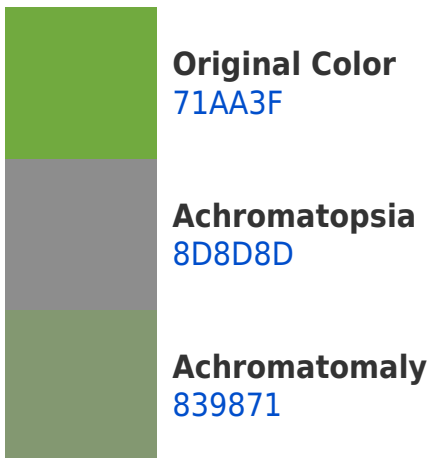
Protanopia
AC9A3B

Deuteranopia
BE9346

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 71AA3F 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 #71AA3F looks like.

```
.text, #text, p{  
    color:#71AA3F  
}
```

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 #71AA3F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #71AA3F
}
```

Border

The CSS property to change the border of an element to Hex 71AA3F 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
#71AA3F }
```

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

```
.border{ border-color:#71AA3F }
```

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

Here you see how a box with a 4 pixel #71AA3F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #71AA3F; -webkit-box-shadow:4px 4px  
4px 4px #71AA3F; box-shadow:4px 4px 4px  
4px #71AA3F }
```

Background

The CSS property to change the background color of an element to Hex 71AA3F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#71AA3F }
```

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

```
.background{ background-color:#71AA3F }
```

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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