

Converting Colors

Hex(71AC13)

Have a look what the booklet for
Hex(71AC13) contains.

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Color

Hex(71AC13)

Conversions

Conversions Part 1

Format	Color
Hex	71AC13
RGB	113, 172, 19
RGB Percent	44%, 67%, 7%
CMY	0.5569, 0.3255, 0.9255
CMYK	0.34, 0.00, 0.89, 0.33
HSL	83°, 80%, 37%
HSV	83°, 89%, 67%
XYZ	21.6801, 33.0628, 5.8552
YIQ	136.9170, 13.9490, -60.0910

Conversions

Conversions Part 2

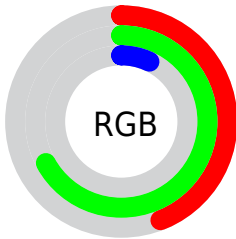
Format	Color
RYB	19, 172, 78
Decimal	7449619
CIELab	64.21, -40.24, 62.81
CIELCh	64, 74.591, 122.648
Yxy	33.0628, 0.3578, 0.5456
Android (android.graphics.Color)	4285639699 (0xFF71AC13)
YUV	136.9170, -58.1331, -20.9752
Hunter-Lab	57.5002, -33.3231, 34.2127

Details

The Hex color **71AC13** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **4E13AC**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **AAE452**, and **387700** is the 20% darker color. If you saturate the color by 10%, you get **6AAC02**, and if you desaturate by 10%, it is **78AC24**.

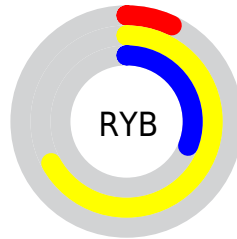
Distribution



Red (44%)

Green (67%)

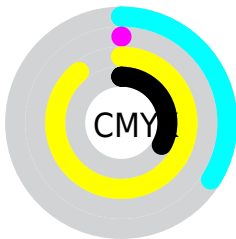
Blue (7%)



Red (7%)

Yellow (67%)

Blue (31%)

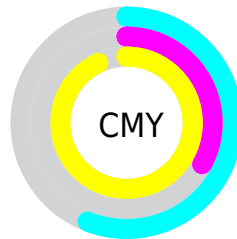


Cyan (34%)

Magenta (0%)

Yellow (89%)

Black (33%)



Cyan (56%)

Magenta (33%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 71AC13 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 71AC13 by changing the saturation by 10% instead.

 71AC13

 71AC13

FFFFFF

 559100

 AAE452

 387700

 C6FF6E

 1A5E00

 E4FF8A

 004600

 FFFFA6

 002F00

 FFFFC2

 001700

 FFFFDF

 000000

 FFFFFC

 71AC13

 71AC13

 6AAC02

 78AC24

 6AAC00

 7EAC35

 85AC47

 8CAC58

 92AC69

 99AC7A

 9FAC8B

 A6AC9D

 ADACAE

Harmonies

Analogous

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



B59B00



71AC13



00B65B

Triad

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



71AC13



00B2FF



FF5399

Complementary

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



71AC13



4E13AC

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.



EF66DA



71AC13



00A2FF

Square

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



71AC13



00B9E2



A187FF



FF6258

Rectangle

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



71AC13



00B988



A187FF



FF56AF

Sweetspot

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



71AC13



C9E0A4



AC4E13



62704C



F0F0F0



707070

Same Dimension

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



71AC13



8AE000



25AC13



53574E



5C9600



0E1700

Inverse Universe

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



4E13AC



5700E0



9A13AC



514E57



3A0096



090017

Previews

White Background



This preview shows how the Hex color 71AC13 looks on a white background.

Color Contrast Check

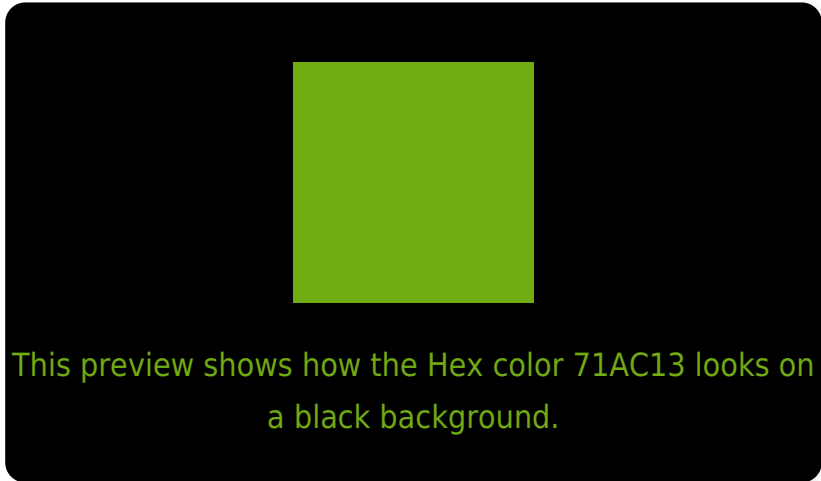
Large Text (above 18pt) WCAG AA × Fail

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 71AC13 Background



This preview shows how black text looks on a background with the Hex color 71AC13.



This preview shows how white text looks on a background with the Hex color 71AC13.

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
71AC13

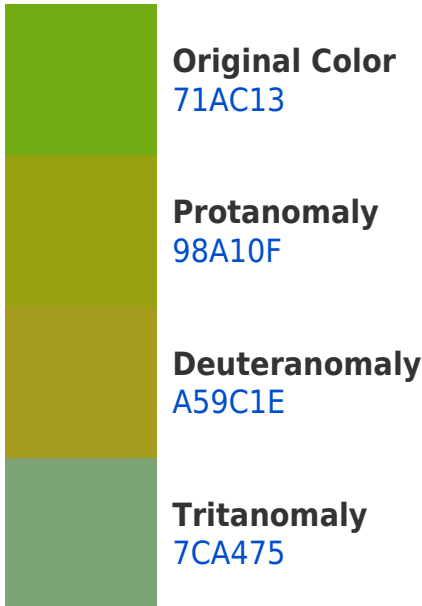
Protanopia
AF9B0C

Deuteranopia
C39325

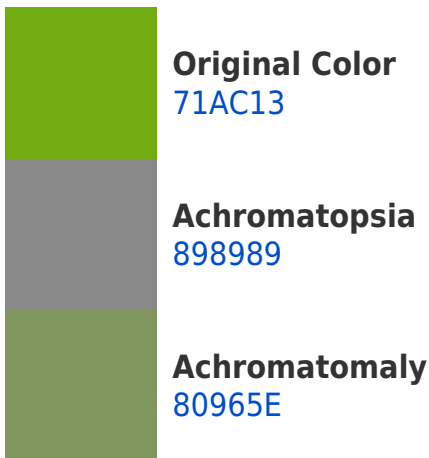


Tritanopia
83A0AD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 71AC13 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 #71AC13 looks like.

```
.text, #text, p{  
    color:#71AC13  
}
```

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 #71AC13 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #71AC13
}
```

Border

The CSS property to change the border of an element to Hex 71AC13 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
#71AC13 }
```

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

```
.border{ border-color:#71AC13 }
```

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

Here you see how a box with a 4 pixel #71AC13 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #71AC13; -webkit-box-shadow:4px 4px  
4px 4px #71AC13; box-shadow:4px 4px 4px  
4px #71AC13 }
```

Background

The CSS property to change the background color of an element to Hex 71AC13 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#71AC13 }
```

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

```
.background{ background-color:#71AC13 }
```

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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