

Converting Colors

Hex(71A050)

Have a look what the booklet for
Hex(71A050) contains.

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Color

Hex(71A050)

Conversions

Conversions Part 1

Format	Color
Hex	71A050
RGB	113, 160, 80
RGB Percent	44%, 63%, 31%
CMY	0.5569, 0.3725, 0.6863
CMYK	0.29, 0.00, 0.50, 0.37
HSL	95°, 33%, 47%
HSV	95°, 50%, 63%
XYZ	20.8288, 29.2315, 12.1339
YIQ	136.8270, -2.3320, -34.8440

Conversions

Conversions Part 2

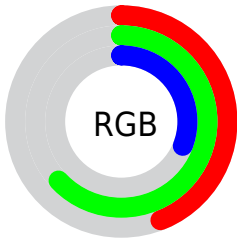
Format	Color
RYB	80, 160, 127
Decimal	7446608
CIELab	60.99, -30.39, 36.49
CIElCh	61, 47.484, 129.786
Yxy	29.2315, 0.3349, 0.4700
Android (android.graphics.Color)	4285636688 (0xFF71A050)
YUV	136.8270, -28.0157, -20.8963
Hunter-Lab	54.0662, -25.8492, 24.5401

Details

The Hex color **71A050** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **7F50A0**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **A7D783**, and **3E6C1F** is the 20% darker color. If you saturate the color by 10%, you get **68A040**, and if you desaturate by 10%, it is **7AA060**.

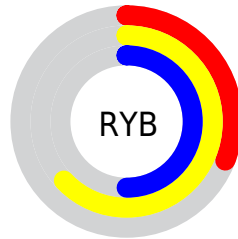
Distribution



Red (44%)

Green (63%)

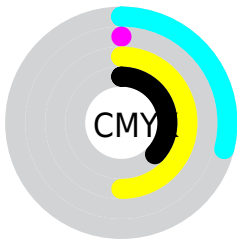
Blue (31%)



Red (31%)

Yellow (63%)

Blue (50%)

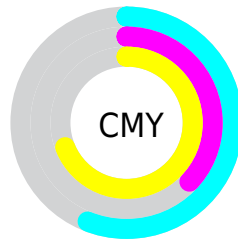


Cyan (29%)

Magenta (0%)

Yellow (50%)

Black (37%)



Cyan (56%)

Magenta (37%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 71A050 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 71A050 by changing the saturation by 10% instead.



71A050



71A050

FFFFFF



578638



A7D783



3E6C1F



C3F49E



245304



DFFFB9



0A3C00



FCFFD5



002600



FFFFFF2



000700



000000



71A050



71A050



68A040



7AA060

 5EA030

 84A070

 55A020

 8DA080

 4BA010

 97A090

 42A000

 A0A0A0

 A9A0B0

 B3A0C0

 BCA0D0

 C6A0E0

Harmonies

Analogous

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



9E953D



71A050



2FA675

Triad

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



71A050



009FE1



E16F87

Complementary

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



71A050



7F50A0

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.



D174B1



71A050



6393E6

Square

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



71A050



00A6C8



A883D4



DB7860

Rectangle

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



71A050



00A891



A883D4



DF6F95

Sweetspot

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



71A050



BFD1B2



A07F50



5D6956



E8E8E8



696969

Same Dimension

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



71A050



87D154



50A057



4A4F47



3B8F00



060F00

Inverse Universe

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



7F50A0



9D54D1



A05099



4C474F



54008F



09000F

Previews

White Background



This preview shows how the Hex color 71A050 looks on a white background.

Color Contrast Check

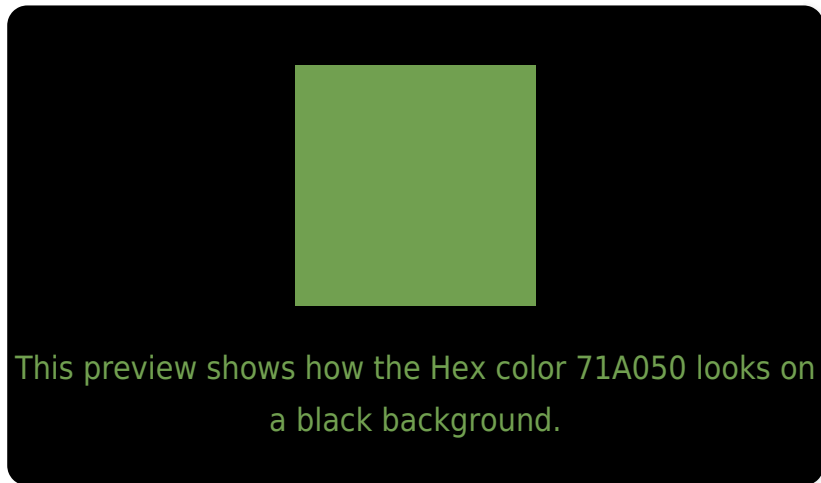
Large Text (above 18pt) WCAG AA ✓ Pass

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

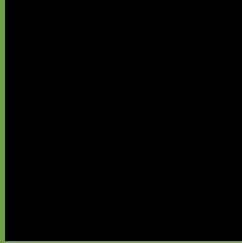
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 71A050 Background



This preview shows how black text looks on a background with the Hex color 71A050.

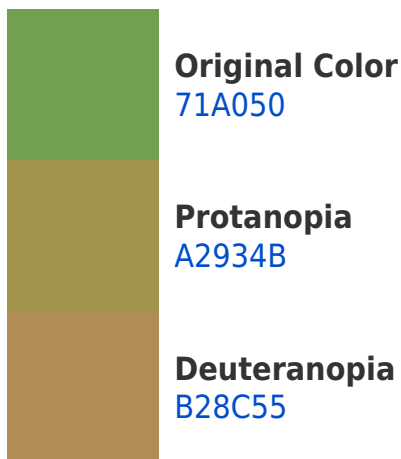


This preview shows how white text looks on a background with the Hex color 71A050.

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](#).

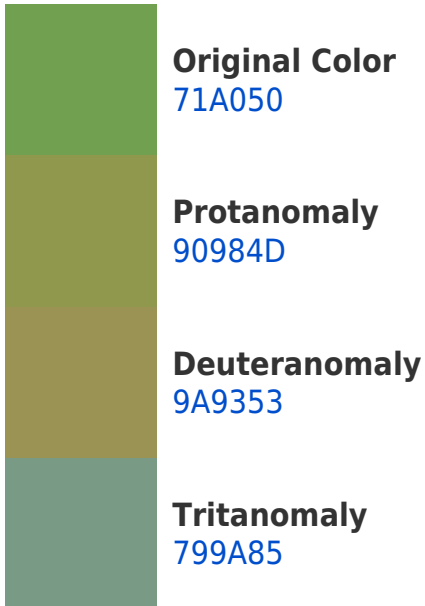
Dichromacy



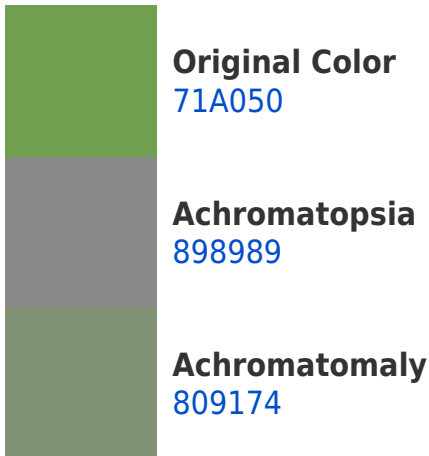


Tritanopia
7E97A3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 71A050 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 #71A050 looks like.

```
.text, #text, p{  
    color:#71A050  
}
```

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 #71A050 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #71A050
}
```

Border

The CSS property to change the border of an element to Hex 71A050 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
#71A050 }
```

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

```
.border{ border-color:#71A050 }
```

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

Here you see how a box with a 4 pixel #71A050 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #71A050; -webkit-box-shadow:4px 4px  
4px 4px #71A050; box-shadow:4px 4px 4px  
4px #71A050 }
```

Background

The CSS property to change the background color of an element to Hex 71A050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#71A050 }
```

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

```
.background{ background-color:#71A050 }
```

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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