

Converting Colors

Hex(71BF4B)

Have a look what the booklet for
Hex(71BF4B) contains.

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Color

Hex(71BF4B)

Conversions

Conversions Part 1

Format	Color
Hex	71BF4B
RGB	113, 191, 75
RGB Percent	44%, 75%, 29%
CMY	0.5569, 0.2510, 0.7059
CMYK	0.41, 0.00, 0.61, 0.25
HSL	100°, 48%, 52%
HSV	100°, 61%, 75%
XYZ	26.7109, 41.2803, 13.2167
YIQ	154.4540, -9.2520, -52.6120

Conversions

Conversions Part 2

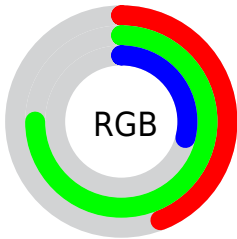
Format	Color
RYB	75, 191, 153
Decimal	7454539
CIELab	70.37, -44.79, 49.89
CIElCh	70, 67.044, 131.914
Yxy	41.2803, 0.3289, 0.5083
Android (android.graphics.Color)	4285644619 (0xFF71BF4B)
YUV	154.4540, -39.1708, -36.3552
Hunter-Lab	64.2498, -38.2284, 32.7784

Details

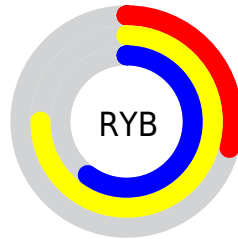
The Hex color **71BF4B** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **994BBF**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **A9F880**, and **388913** is the 20% darker color. If you saturate the color by 10%, you get **64BF38**, and if you desaturate by 10%, it is **7EBF5E**.

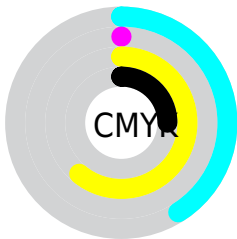
Distribution



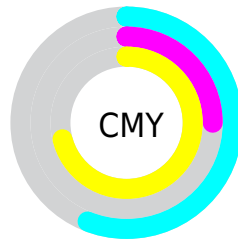
- Red (44%)
- Green (75%)
- Blue (29%)



- Red (29%)
- Yellow (75%)
- Blue (60%)



- Cyan (41%)
- Magenta (0%)
- Yellow (61%)
- Black (25%)





- Cyan (56%)
- Magenta (25%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 71BF4B 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 71BF4B by changing the saturation by 10% instead.

 71BF4B

 71BF4B

FFFFFF

 55A431

 A9F880

 388913

 C6FF9B

 166F00

 E3FFB7

 005600

 FFFFD3

 003E00


 FFFFF0

 002900

 000300

 000000

 71BF4B

 71BF4B

 64BF38

 7EBF5E

 57BF25

 8BBF71

 4ABF12

 98BF84

 3FBF00

 A4BF97

 B1BFAB

 BEBFBE

 CBBFD1

 D8BFE4

 E5BFF7

Harmonies

Analogous

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



B5B125



71BF4B



00C784

Triad

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



71BF4B



00BDFE



FF7296

Complementary

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



71BF4B



994BBF

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.



FF79D3



71BF4B



5FABFF

Square

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



71BF4B



00C7FC



CE91FF



FF835D

Rectangle

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



71BF4B



00C9AE



CE91FF



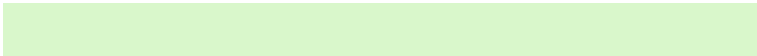
FF72AB

Sweetspot

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



71BF4B



D9F7CB



BF984B



6A7D61



FCFCFC



7D7D7D

Same Dimension

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



71BF4B



7EF743



4BBF5E



585E55



349E00



0A1F00

Inverse Universe

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



994BBF



BC43F7



BF4BAC



5B555E



6A009E



15001F

Previews

White Background



This preview shows how the Hex color 71BF4B looks on a white background.

Color Contrast Check

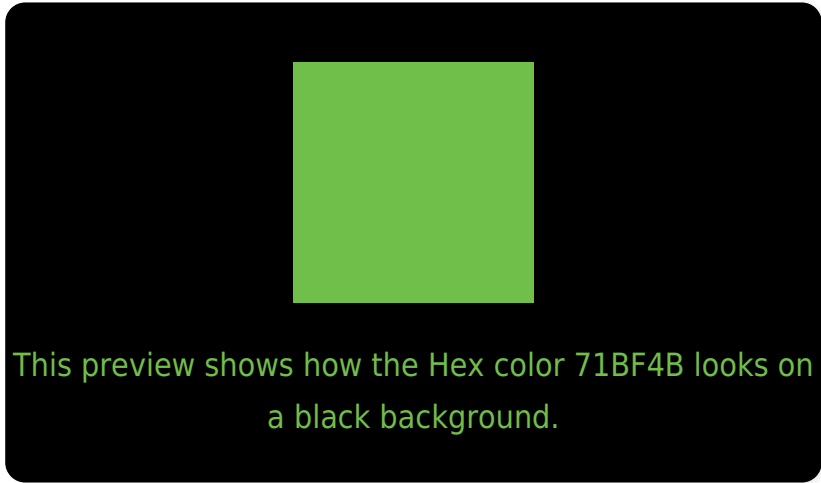
Large Text (above 18pt) WCAG AA × Fail

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 71BF4B Background



This preview shows how black text looks on a background with the Hex color 71BF4B.

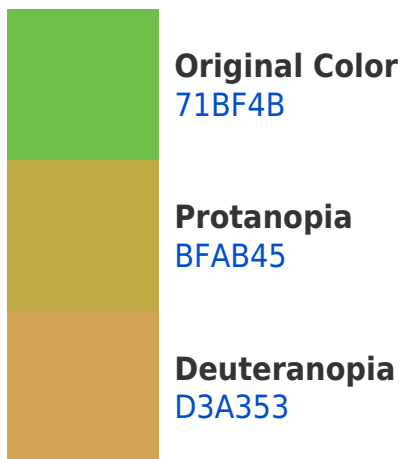


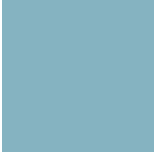
This preview shows how white text looks on a background with the Hex color 71BF4B.

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](#).

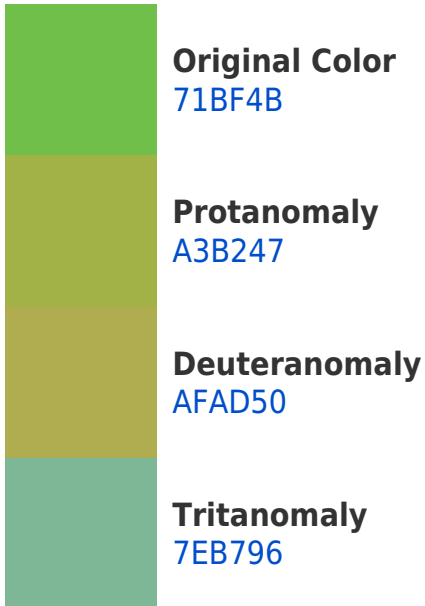
Dichromacy



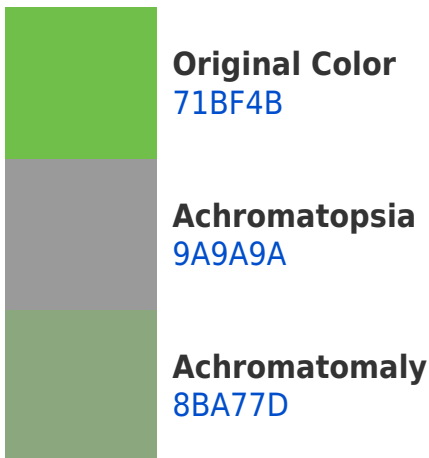


Tritanopia
85B3C1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 71BF4B 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 #71BF4B looks like.

```
.text, #text, p{  
    color:#71BF4B  
}
```

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 #71BF4B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #71BF4B
}
```

Border

The CSS property to change the border of an element to Hex 71BF4B 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
#71BF4B }
```

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

```
.border{ border-color:#71BF4B }
```

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

Here you see how a box with a 4 pixel #71BF4B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #71BF4B; -webkit-box-shadow:4px 4px  
4px 4px #71BF4B; box-shadow:4px 4px 4px  
4px #71BF4B }
```

Background

The CSS property to change the background color of an element to Hex 71BF4B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#71BF4B }
```

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

```
.background{ background-color:#71BF4B }
```

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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