

Converting Colors

Hex(71B46A)

Have a look what the booklet for
Hex(71B46A) contains.

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Color

Hex(71B46A)

Conversions

Conversions Part 1

Format	Color
Hex	71B46A
RGB	113, 180, 106
RGB Percent	44%, 71%, 42%
CMY	0.5569, 0.2941, 0.5843
CMYK	0.37, 0.00, 0.41, 0.29
HSL	114°, 33%, 56%
HSV	114°, 41%, 71%
XYZ	25.7328, 37.1938, 19.4585
YIQ	151.5310, -16.1780, -37.2180

Conversions

Conversions Part 2

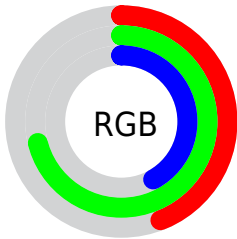
Format	Color
RYB	106, 180, 173
Decimal	7451754
CIELab	67.42, -36.12, 31.18
CIELCh	67, 47.714, 139.200
Yxy	37.1938, 0.3123, 0.4515
Android (android.graphics.Color)	4285641834 (0xFF71B46A)
YUV	151.5310, -22.4468, -33.7917
Hunter-Lab	60.9867, -31.4103, 23.7736

Details

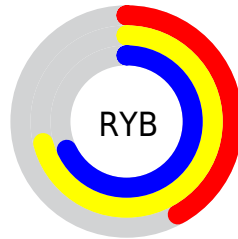
The Hex color **71B46A** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **AD6AB4**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **A7EC9E**, and **3C7F39** is the 20% darker color. If you saturate the color by 10%, you get **61B458**, and if you desaturate by 10%, it is **81B47C**.

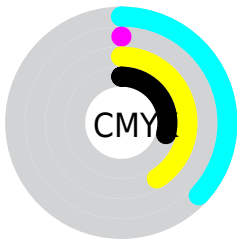
Distribution



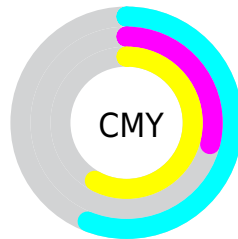
- Red (44%)
- Green (71%)
- Blue (42%)



- Red (42%)
- Yellow (71%)
- Blue (68%)



- Cyan (37%)
- Magenta (0%)
- Yellow (41%)
- Black (29%)



- Cyan (56%)
- Magenta (29%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 71B46A 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 71B46A by changing the saturation by 10% instead.

 71B46A

 71B46A

FFFFFF

 579951

 A7EC9E

 3C7F39

 C3FFB9

 216522

 E0FFD5

 004D09


 F0FFF2

 003500

 002100

 000000

 71B46A

 71B46A

 61B458

 81B47C

 50B446

 92B48E

 40B434


 A2B4A0

 30B422

 B2B4B2

 20B410

 C2B4C4

 11B400

 D3B4D6

 E3B4E8

 F3B4FA

 FFB4FF

Harmonies

Analogous

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



A3AA50



71B46A



21B993

Triad

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



71B46A



27ADF8



F6828A

Complementary

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



71B46A



AD6AB4

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.



EC82B6



71B46A



8F9FF5

Square

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



71B46A



00B6E4



CA8EDD



E98D65

Rectangle

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



71B46A



00BAB0



CA8EDD



F58098

Sweetspot

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



71B46A



D1EBCE



B4AD6A



667565



F5F5F5



757575

Same Dimension

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



71B46A



83EB78



6AB488



515950



0E9900



021A00

Inverse Universe

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



AD6AB4



E078EB



B46A96



585059



8B0099



17001A

Previews

White Background



This preview shows how the Hex color 71B46A looks on a white background.

Color Contrast Check

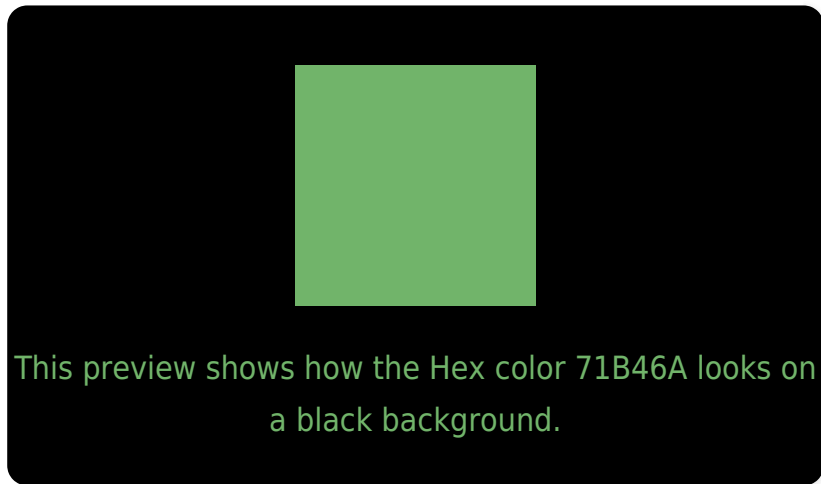
Large Text (above 18pt) WCAG AA × Fail

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 71B46A Background



This preview shows how black text looks on a background with the Hex color 71B46A.

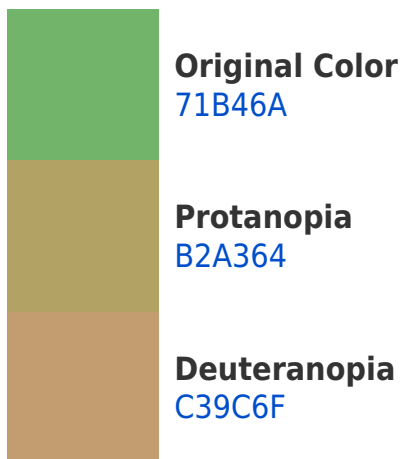


This preview shows how white text looks on a background with the Hex color 71B46A.

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
80ABB8

Trichromacy



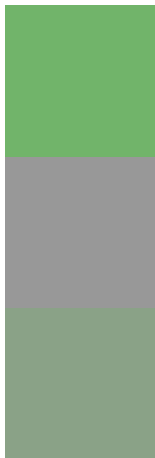
Original Color
71B46A

Protanomaly
9AA966

Deuteranomaly
A5A56D

Tritanomaly
7BAE9C

Monochromacy



Original Color
71B46A

Achromatopsia
989898

Achromatomaly
8AA287

CSS Examples

Text

The CSS property to change the color of the text to Hex 71B46A 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 #71B46A looks like.

```
.text, #text, p{  
    color:#71B46A  
}
```

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 #71B46A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #71B46A
}
```

Border

The CSS property to change the border of an element to Hex 71B46A 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
#71B46A }
```

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

```
.border{ border-color:#71B46A }
```

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

Here you see how a box with a 4 pixel #71B46A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #71B46A; -webkit-box-shadow:4px 4px  
4px 4px #71B46A; box-shadow:4px 4px 4px  
4px #71B46A }
```

Background

The CSS property to change the background color of an element to Hex 71B46A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#71B46A }
```

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

```
.background{ background-color:#71B46A }
```

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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