

Converting Colors

Hex(71B16E)

Have a look what the booklet for
Hex(71B16E) contains.

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Color

Hex(71B16E)

Conversions

Conversions Part 1

Format	Color
Hex	71B16E
RGB	113, 177, 110
RGB Percent	44%, 69%, 43%
CMY	0.5569, 0.3059, 0.5686
CMYK	0.36, 0.00, 0.38, 0.31
HSL	117°, 30%, 56%
HSV	117°, 38%, 69%
XYZ	25.3467, 36.0808, 20.3802
YIQ	150.2260, -16.6370, -34.4050

Conversions

Conversions Part 2

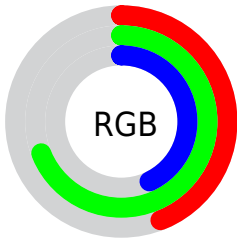
Format	Color
RYB	110, 177, 174
Decimal	7450990
CIELab	66.58, -34.12, 27.98
CIELCh	67, 44.125, 140.652
Yxy	36.0808, 0.3098, 0.4410
Android (android.graphics.Color)	4285641070 (0xFF71B16E)
YUV	150.2260, -19.8314, -32.6472
Hunter-Lab	60.0673, -29.7959, 21.9306

Details

The Hex color **71B16E** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **AE6EB1**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **A7E9A2**, and **3D7C3D** is the 20% darker color. If you saturate the color by 10%, you get **60B15C**, and if you desaturate by 10%, it is **82B180**.

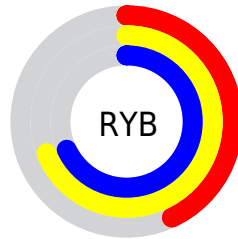
Distribution



Red (44%)

Green (69%)

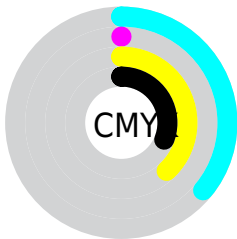
Blue (43%)



Red (43%)

Yellow (69%)

Blue (68%)

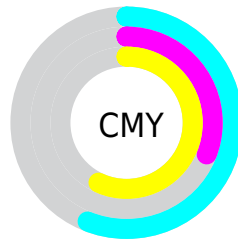


Cyan (36%)

Magenta (0%)

Yellow (38%)

Black (31%)



Cyan (56%)

Magenta (31%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 71B16E 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 71B16E by changing the saturation by 10% instead.



71B16E



71B16E

FFFFFF



579655



A7E9A2



3D7C3D



C3FFBE



226326



E0FFD9



004A0F



FDFFF6



003300



001F00



000000



71B16E



71B16E



60B15C



82B180

 4FB14B

 93B191

 3EB139

 A4B1A3

 2DB127

 B5B1B5

 1CB116

 C6B1C7

 0CB104

 D6B1D8

 08B100

 E7B1EA

 F8B1FC

 FFB1FF

Harmonies

Analogous

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



9FA855



71B16E



2FB694

Triad

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



71B16E



42AAF0



EE8388

Complementary

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



71B16E



AE6EB1

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.



E683B0



71B16E



929CEC

Square

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



71B16E



00B2DE



C78DD5



E18D66

Rectangle

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



71B16E



00B7AF



C78DD5



ED8195

Sweetspot

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



71B16E



CDE6CC



B1AE6E



657364



F2F2F2



737373

Same Dimension

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



71B16E



83E67E



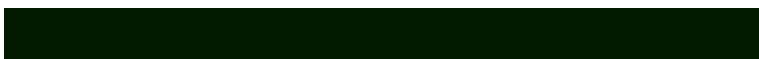
6EB18C



515950



079900



011A00

Inverse Universe

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



AE6EB1



E17EE6



B16E93



595059



920099



18001A

Previews

White Background



This preview shows how the Hex color 71B16E looks on a white background.

Color Contrast Check

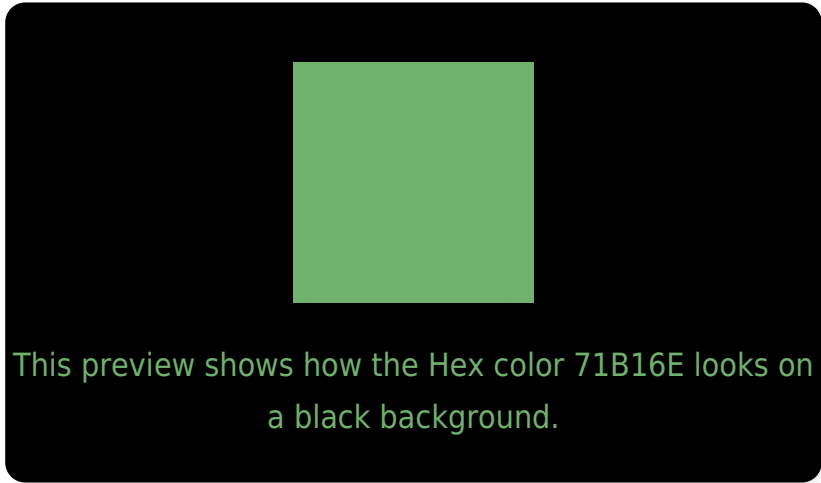
Large Text (above 18pt) WCAG AA × Fail

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 71B16E Background



This preview shows how black text looks on a background with the Hex color 71B16E.

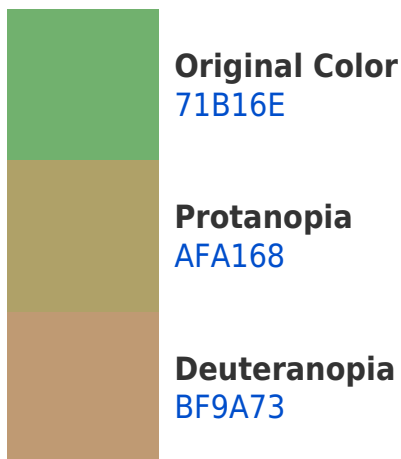


This preview shows how white text looks on a background with the Hex color 71B16E.

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
7EA8B6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 71B16E 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 #71B16E looks like.

```
.text, #text, p{  
    color:#71B16E  
}
```

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 #71B16E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #71B16E
}
```

Border

The CSS property to change the border of an element to Hex 71B16E 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
#71B16E }
```

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

```
.border{ border-color:#71B16E }
```

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

Here you see how a box with a 4 pixel #71B16E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #71B16E; -webkit-box-shadow:4px 4px  
4px 4px #71B16E; box-shadow:4px 4px 4px  
4px #71B16E }
```

Background

The CSS property to change the background color of an element to Hex 71B16E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#71B16E }
```

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

```
.background{ background-color:#71B16E }
```

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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