

Converting Colors

Hex(71A869)

Have a look what the booklet for
Hex(71A869) contains.

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Color

Hex(71A869)

Conversions

Conversions Part 1

Format	Color
Hex	71A869
RGB	113, 168, 105
RGB Percent	44%, 66%, 41%
CMY	0.5569, 0.3412, 0.5882
CMYK	0.33, 0.00, 0.38, 0.34
HSL	112°, 27%, 54%
HSV	112°, 38%, 66%
XYZ	23.3625, 32.5359, 18.4133
YIQ	144.3730, -12.5570, -31.2530

Conversions

Conversions Part 2

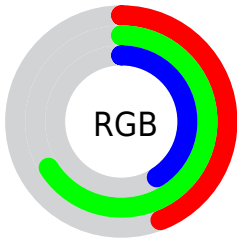
Format	Color
RYB	105, 168, 160
Decimal	7448681
CIELab	63.78, -30.69, 26.96
CIELCh	64, 40.847, 138.702
Yxy	32.5359, 0.3144, 0.4378
Android (android.graphics.Color)	4285638761 (0xFF71A869)
YUV	144.3730, -19.4109, -27.5141
Hunter-Lab	57.0402, -26.7106, 20.7886

Details

The Hex color **71A869** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **A069A8**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **A7E09D**, and **3E7439** is the 20% darker color. If you saturate the color by 10%, you get **62A858**, and if you desaturate by 10%, it is **80A87A**.

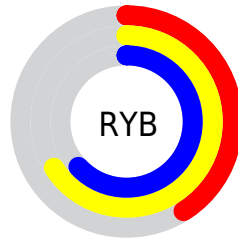
Distribution



Red (44%)

Green (66%)

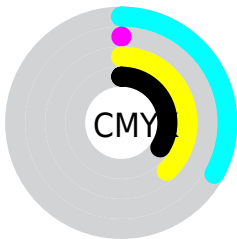
Blue (41%)



Red (41%)

Yellow (66%)

Blue (63%)

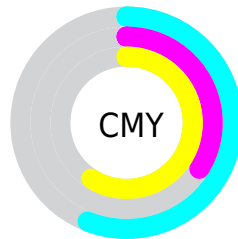


Cyan (33%)

Magenta (0%)

Yellow (38%)

Black (34%)



Cyan (56%)

Magenta (34%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 71A869 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 71A869 by changing the saturation by 10% instead.



71A869



71A869

FFFFFF



578D50



A7E09D



3E7439



C2FCB8



245B22



DFFFD4



06430B



FCFFF0



002C00



001600



000000



71A869



71A869



62A858



80A87A

 54A847

 8EA88B

 45A837

 9DA89B

 36A826

 ACA8AC

 28A815

 BAA8BD

 19A804

 C9A8CE

 15A800

 D8A8DF

 E6A8EF

 F5A8FF

Harmonies

Analogous

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



9B9F54



71A869



3BAD8B

Triad

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



71A869



41A2E1



E07E85

Complementary

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



71A869



A069A8

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.



D87FAA



71A869



8996DF

Square

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



71A869



00AAD0



BA89CB



D68765

Rectangle

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



71A869



00AEA4



BA89CB



E07D91

Sweetspot

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



71A869



C6DBC3



A8A069



616E5F



EDEDED



6E6E6E

Same Dimension

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



71A869



85DB79



69A880



4D544C



139400



031400

Inverse Universe

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



A069A8



CF79DB



A86991



534C54



810094



120014

Previews

White Background



This preview shows how the Hex color 71A869 looks on a white background.

Color Contrast Check

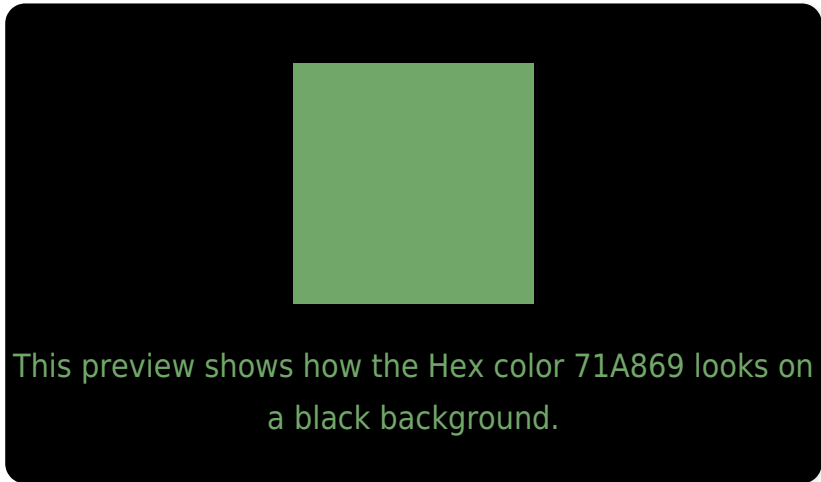
Large Text (above 18pt) WCAG AA × Fail

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 71A869 Background



This preview shows how black text looks on a background with the Hex color 71A869.

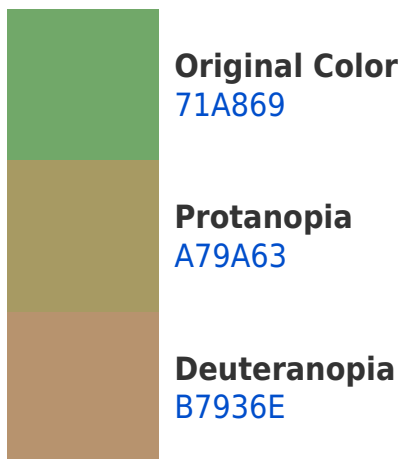


This preview shows how white text looks on a background with the Hex color 71A869.

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



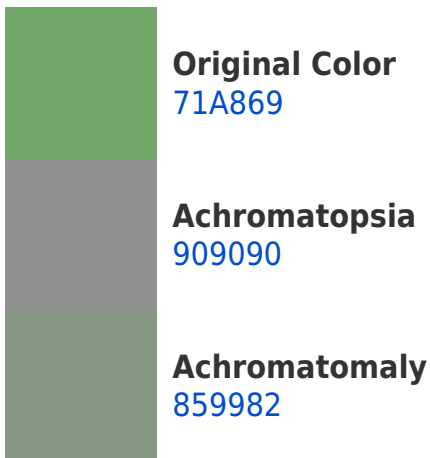


Tritanopia
7DA0AD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 71A869 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 #71A869 looks like.

```
.text, #text, p{  
    color:#71A869  
}
```

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 #71A869 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #71A869
}
```

Border

The CSS property to change the border of an element to Hex 71A869 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
#71A869 }
```

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

```
.border{ border-color:#71A869 }
```

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

Here you see how a box with a 4 pixel #71A869 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #71A869; -webkit-box-shadow:4px 4px  
4px 4px #71A869; box-shadow:4px 4px 4px  
4px #71A869 }
```

Background

The CSS property to change the background color of an element to Hex 71A869 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#71A869 }
```

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

```
.background{ background-color:#71A869 }
```

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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