

Converting Colors

Hex(71A271)

Have a look what the booklet for
Hex(71A271) contains.

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Color

Hex(71A271)

Conversions

Conversions Part 1

Format	Color
Hex	71A271
RGB	113, 162, 113
RGB Percent	44%, 64%, 44%
CMY	0.5569, 0.3647, 0.5569
CMYK	0.30, 0.00, 0.30, 0.36
HSL	120°, 21%, 54%
HSV	120°, 30%, 64%
XYZ	22.7110, 30.5436, 20.3213
YIQ	141.7630, -13.4750, -25.6270

Conversions

Conversions Part 2

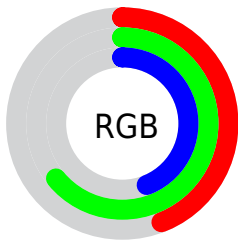
Format	Color
RYB	113, 162, 162
Decimal	7447153
CIELab	62.12, -26.46, 20.40
CIElCh	62, 33.407, 142.374
Yxy	30.5436, 0.3087, 0.4151
Android (android.graphics.Color)	4285637233 (0xFF71A271)
YUV	141.7630, -14.1802, -25.2252
Hunter-Lab	55.2663, -23.3636, 16.8856

Details

The Hex color **71A271** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **A271A2**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **A6D9A5**, and **3F6E41** is the 20% darker color. If you saturate the color by 10%, you get **61A261**, and if you desaturate by 10%, it is **81A281**.

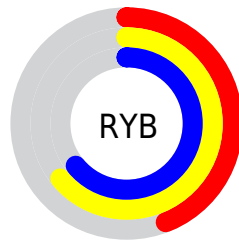
Distribution



Red (44%)

Green (64%)

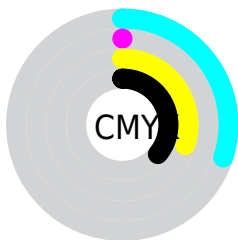
Blue (44%)



Red (44%)

Yellow (64%)

Blue (64%)

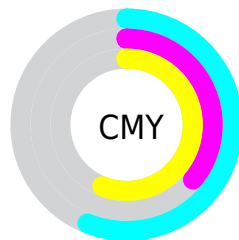


Cyan (30%)

Magenta (0%)

Yellow (30%)

Black (36%)



Cyan (56%)

Magenta (36%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 71A271 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 71A271 by changing the saturation by 10% instead.



71A271



71A271

FFFFFF



588858



A6D9A5



3F6E41



C2F6C0



26552A



DEFFDC



0C3E15



FBFFF9



002700



000E00



000000



71A271



71A271



61A261



81A281

 51A251

 91A291

 40A240

 A2A2A2

 30A230

 B2A2B2

 20A220

 C2A2C2

 10A210

 D2A2D2

 00A200

 E2A2E2

 F3A2F3

 FFA2FF

Harmonies

Analogous

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



939B5E



71A271



4BA68D

Triad

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



71A271



5F9BD0



D08081

Complementary

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



71A271



A271A2

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.



CB809F



71A271



8F91CD

Square

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



71A271



2DA2C4



B487BB



C68868

Rectangle

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



71A271



30A6A2



B487BB



D07F8B

Sweetspot

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



71A271



C1D4C1



A2A271



5F6B5F



EBEBEB



6B6B6B

Same Dimension

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



71A271



87D487



71A28A



495249



009100



001200

Inverse Universe

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



A271A2



D487D4



A2718A



524952



910091



120012

Previews

White Background



This preview shows how the Hex color 71A271 looks on a white background.

Color Contrast Check

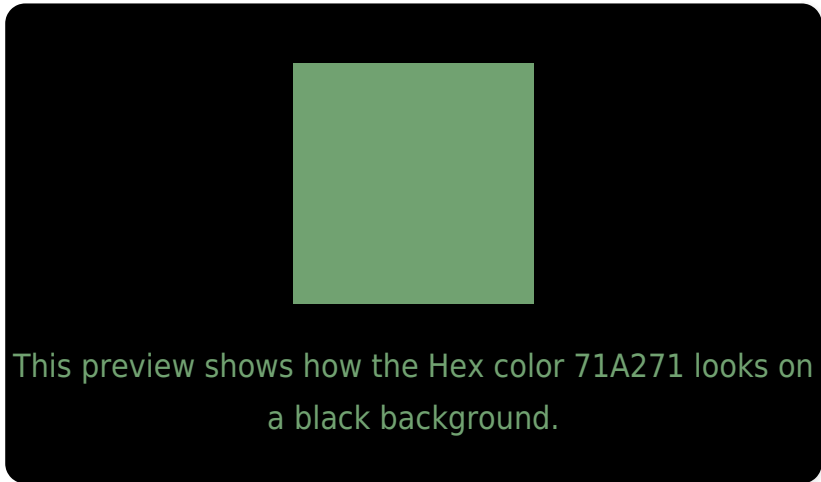
Large Text (above 18pt) WCAG AA × Fail

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

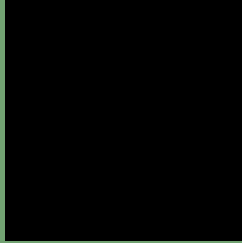
Any Text WCAG AA ✓ Pass

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 71A271 Background



This preview shows how black text looks on a background with the Hex color 71A271.

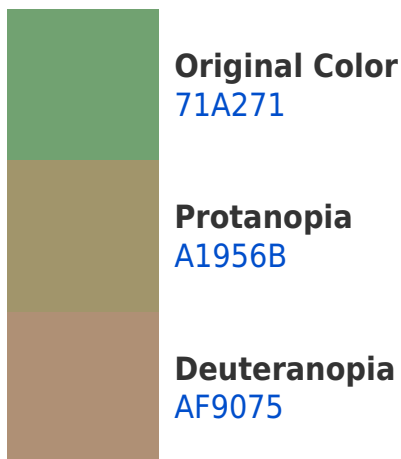


This preview shows how white text looks on a background with the Hex color 71A271.

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](#).

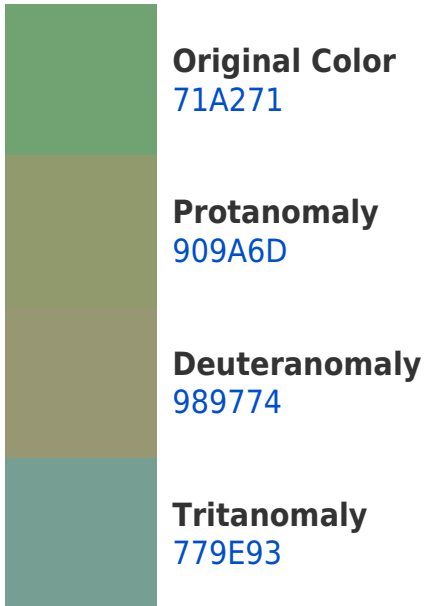
Dichromacy



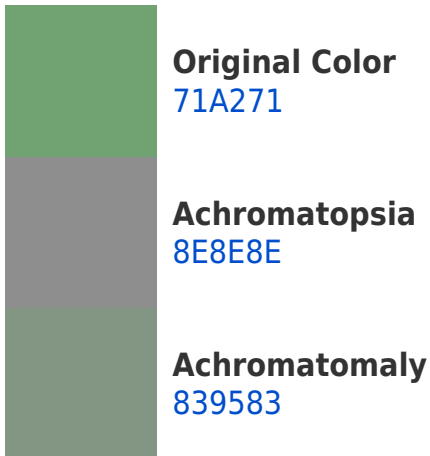


Tritanopia
7B9BA7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 71A271 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 #71A271 looks like.

```
.text, #text, p{  
    color:#71A271  
}
```

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 #71A271 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #71A271
}
```

Border

The CSS property to change the border of an element to Hex 71A271 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
#71A271 }
```

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

```
.border{ border-color:#71A271 }
```

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

Here you see how a box with a 4 pixel #71A271 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #71A271; -webkit-box-shadow:4px 4px  
4px 4px #71A271; box-shadow:4px 4px 4px  
4px #71A271 }
```

Background

The CSS property to change the background color of an element to Hex 71A271 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#71A271 }
```

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

```
.background{ background-color:#71A271 }
```

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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