

Converting Colors

Hex(70A771)

Have a look what the booklet for
Hex(70A771) contains.

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Color

Hex(70A771)

Conversions

Conversions Part 1

Format	Color
Hex	70A771
RGB	112, 167, 113
RGB Percent	44%, 65%, 44%
CMY	0.5608, 0.3451, 0.5569
CMYK	0.33, 0.00, 0.32, 0.35
HSL	121°, 24%, 55%
HSV	121°, 33%, 65%
XYZ	23.4814, 32.2744, 20.6148
YIQ	144.3990, -15.4460, -28.4540

Conversions

Conversions Part 2

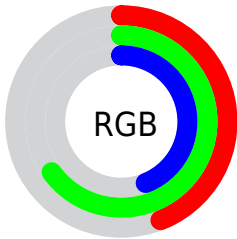
Format	Color
RYB	112, 166, 167
Decimal	7382897
CIELab	63.57, -29.23, 22.35
CIELCh	64, 36.795, 142.606
Yxy	32.2744, 0.3075, 0.4226
Android (android.graphics.Color)	4285572977 (0xFF70A771)
YUV	144.3990, -15.4797, -28.4139
Hunter-Lab	56.8106, -25.6394, 18.2529

Details

The Hex color **70A771** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **A770A6**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **A5DEA5**, and **3D7340** is the 20% darker color. If you saturate the color by 10%, you get **5FA761**, and if you desaturate by 10%, it is **81A781**.

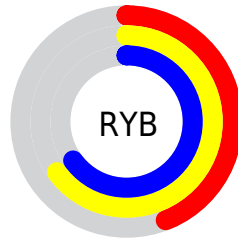
Distribution



Red (44%)

Green (65%)

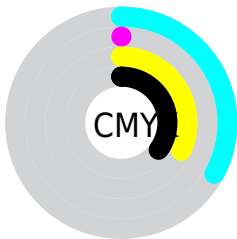
Blue (44%)



Red (44%)

Yellow (65%)

Blue (65%)

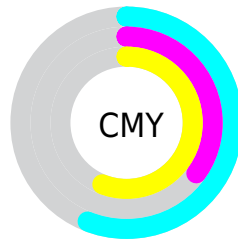


Cyan (33%)

Magenta (0%)

Yellow (32%)

Black (35%)



Cyan (56%)

Magenta (35%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 70A771 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 70A771 by changing the saturation by 10% instead.



70A771



70A771

FFFFFF



568C58



A5DEA5



3D7340



C1FBC0



245A2A



Ddffdc



074214



FAFFF9



002B00



001500



000000



70A771



70A771



5FA761



81A781

 4FA750

 91A792

 3EA740

 A2A7A2

 2DA72F

 B3A7B3

 1CA71F

 C3A7C3

 0CA70F

 D4A7D3

 00A703

 E5A7E4

 F6A7F4

 FFA7FF

Harmonies

Analogous

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



96A05C



70A771



43AB90

Triad

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



70A771



5AA0DA



D98182

Complementary

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



70A771



A770A6

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.



D481A3



70A771



9294D6

Square

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



70A771



0BA7CD



BB89C2



CE8A67

Rectangle

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



70A771



19ABA7



BB89C2



DA808D

Sweetspot

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



70A771



C3D9C3



A6A770



606E61



EDEDED



6E6E6E

Same Dimension

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



70A771



82D984



70A78C



4C544C



009403



001400

Inverse Universe

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



A770A6



D982D7



A7708B



544C54



940091



140014

Previews

White Background



This preview shows how the Hex color 70A771 looks on a white background.

Color Contrast Check

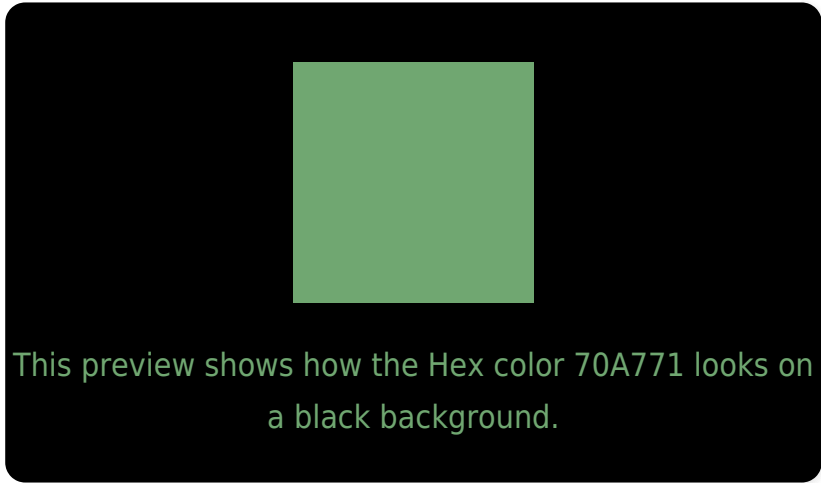
Large Text (above 18pt) WCAG AA × Fail

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

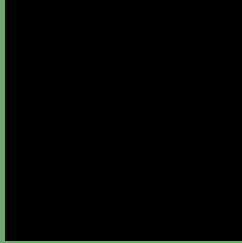
Any Text WCAG AA ✓ Pass

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 70A771 Background



This preview shows how black text looks on a background with the Hex color 70A771.



This preview shows how white text looks on a background with the Hex color 70A771.

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



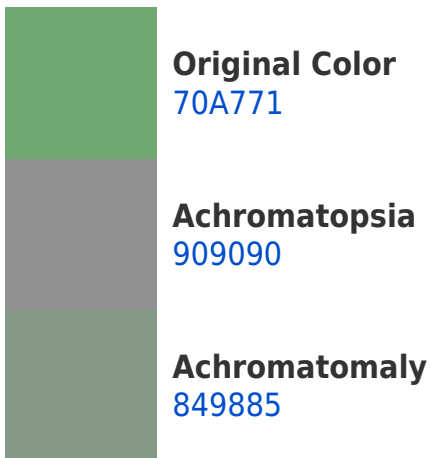


Tritanopia
7BA0AC

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 70A771 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 #70A771 looks like.

```
.text, #text, p{  
    color:#70A771  
}
```

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 #70A771 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #70A771
}
```

Border

The CSS property to change the border of an element to Hex 70A771 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
#70A771 }
```

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

```
.border{ border-color:#70A771 }
```

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

Here you see how a box with a 4 pixel #70A771 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #70A771; -webkit-box-shadow:4px 4px  
4px 4px #70A771; box-shadow:4px 4px 4px  
4px #70A771 }
```

Background

The CSS property to change the background color of an element to Hex 70A771 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#70A771 }
```

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

```
.background{ background-color:#70A771 }
```

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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