

Converting Colors

Hex(75A770)

Have a look what the booklet for
Hex(75A770) contains.

Hex(75A770)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(75A770)

Conversions

Conversions Part 1

Format	Color
Hex	75A770
RGB	117, 167, 112
RGB Percent	46%, 65%, 44%
CMY	0.5412, 0.3451, 0.5608
CMYK	0.30, 0.00, 0.33, 0.35
HSL	115°, 24%, 55%
HSV	115°, 33%, 65%
XYZ	24.0795, 32.5892, 20.3505
YIQ	145.7800, -12.1450, -27.7050

Conversions

Conversions Part 2

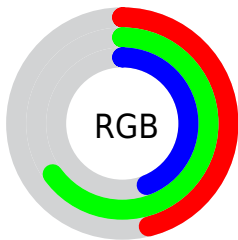
Format	Color
RYB	112, 167, 162
Decimal	7710576
CIELab	63.83, -27.70, 23.28
CIELCh	64, 36.188, 139.955
Yxy	32.5892, 0.3126, 0.4231
Android (android.graphics.Color)	4285900656 (0xFF75A770)
YUV	145.7800, -16.6535, -25.2401
Hunter-Lab	57.0869, -24.6103, 18.8251

Details

The Hex color **75A770** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **A270A7**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **AADEA4**, and **42733F** is the 20% darker color. If you saturate the color by 10%, you get **66A75F**, and if you desaturate by 10%, it is **84A781**.

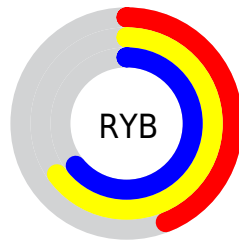
Distribution



Red (46%)

Green (65%)

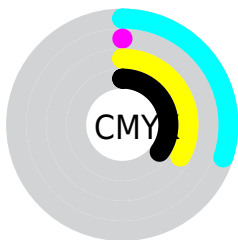
Blue (44%)



Red (44%)

Yellow (65%)

Blue (64%)

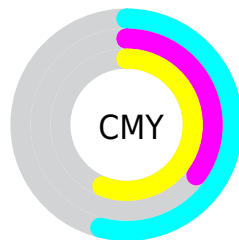


Cyan (30%)

Magenta (0%)

Yellow (33%)

Black (35%)



Cyan (54%)

Magenta (35%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 75A770 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 75A770 by changing the saturation by 10% instead.

 75A770

 75A770

FFFFFF

 5B8C57

 AADEA4

 42733F

 C6FBBF

 2A5A29

 E3FFDB

 0F4213

 FFFFF8

 002B00

 001600

 000000

 75A770

 75A770

 66A75F

 84A781

■ 57A74F

■ 93A791

■ 47A73E

■ A3A7A2

■ 38A72D

■ B2A7B3

■ 29A71C

■ C1A7C3

■ 1AA70C

■ D0A7D4

■ 0FA700

■ DFA7E5

■ EEA7F6

■ FEA7FF

Harmonies

Analogous

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



9A9F5D



75A770



4AAB8E

Triad

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



75A770



57A1DA



D98286

Complementary

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



75A770



A270A7

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.



D282A7



75A770



8E96D7

Square

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



75A770



11A8CB



B98BC4



D08A6B

Rectangle

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



75A770



27ACA5



B98BC4



D98191

Sweetspot

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



75A770



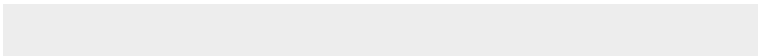
C5D9C3



A7A170



626E60



EDEDED



6E6E6E

Same Dimension

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



75A770



8AD982



70A786



4D544C



0D9400



021400

Inverse Universe

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



A270A7



D182D9



A77091



534C54



860094



130014

Previews

White Background



This preview shows how the Hex color 75A770 looks on a white background.

Color Contrast Check

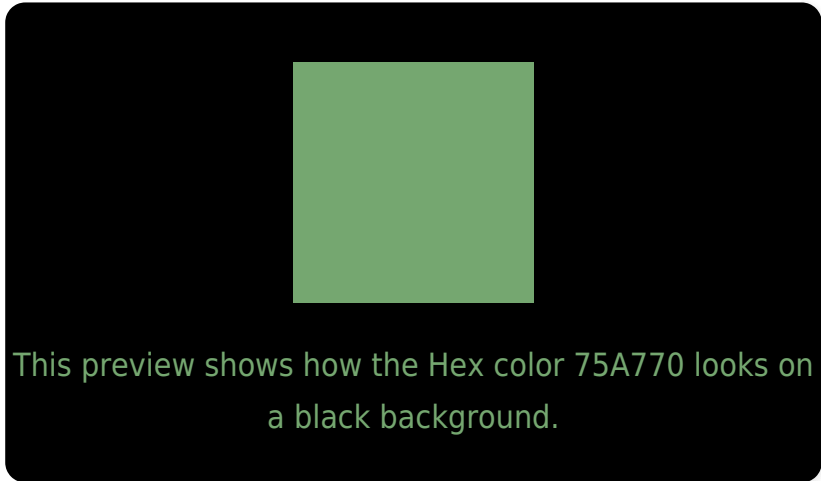
Large Text (above 18pt) WCAG AA × Fail

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

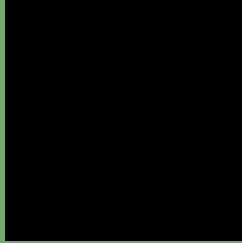
Any Text WCAG AA ✓ Pass

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 75A770 Background



This preview shows how black text looks on a background with the Hex color 75A770.

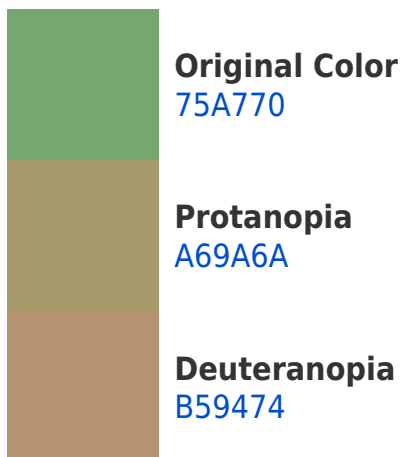


This preview shows how white text looks on a background with the Hex color 75A770.

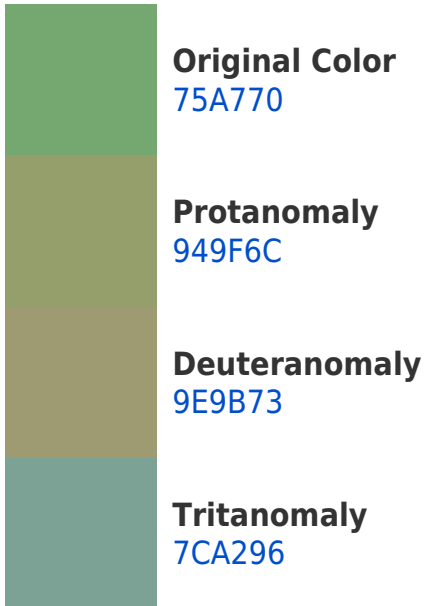
Color Blindness Simulation

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



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 75A770 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 #75A770 looks like.

```
.text, #text, p{  
    color:#75A770  
}
```

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 #75A770 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75A770
}
```

Border

The CSS property to change the border of an element to Hex 75A770 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
#75A770 }
```

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

```
.border{ border-color:#75A770 }
```

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

Here you see how a box with a 4 pixel #75A770 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75A770; -webkit-box-shadow:4px 4px  
4px 4px #75A770; box-shadow:4px 4px 4px  
4px #75A770 }
```

Background

The CSS property to change the background color of an element to Hex 75A770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75A770 }
```

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

```
.background{ background-color:#75A770 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor