

Converting Colors

Hex(74AE6A)

Have a look what the booklet for
Hex(74AE6A) contains.

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Color

Hex(74AE6A)

Conversions

Conversions Part 1

Format	Color
Hex	74AE6A
RGB	116, 174, 106
RGB Percent	45%, 68%, 42%
CMY	0.5451, 0.3176, 0.5843
CMYK	0.33, 0.00, 0.39, 0.32
HSL	111°, 30%, 55%
HSV	111°, 39%, 68%
XYZ	24.9400, 35.0257, 19.0818
YIQ	148.9060, -12.7400, -33.4440

Conversions

Conversions Part 2

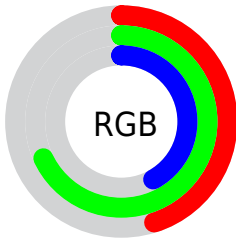
Format	Color
RYB	106, 174, 164
Decimal	7646826
CIELab	65.77, -32.35, 29.06
CIELCh	66, 43.483, 138.067
Yxy	35.0257, 0.3155, 0.4431
Android (android.graphics.Color)	4285836906 (0xFF74AE6A)
YUV	148.9060, -21.1527, -28.8586
Hunter-Lab	59.1825, -28.3480, 22.3113

Details

The Hex color **74AE6A** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **A46AAE**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **AAE69E**, and **407939** is the 20% darker color. If you saturate the color by 10%, you get **65AE59**, and if you desaturate by 10%, it is **83AE7B**.

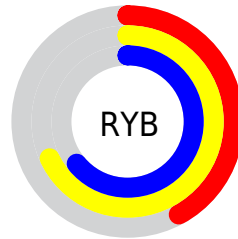
Distribution



Red (45%)

Green (68%)

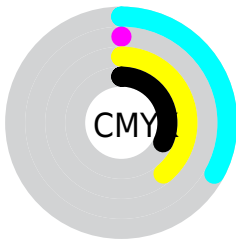
Blue (42%)



Red (42%)

Yellow (68%)

Blue (64%)

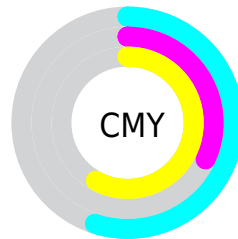


Cyan (33%)

Magenta (0%)

Yellow (39%)

Black (32%)



Cyan (55%)

Magenta (32%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 74AE6A 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 74AE6A by changing the saturation by 10% instead.

 74AE6A

 74AE6A

FFFFFF

 5A9351

 AAE69E

 407939

 C6FFB9

 266022

 E2FFD5

 07480B

 FFFFF2

 003000

 001D00

 000000

 74AE6A

 74AE6A

 65AE59

 83AE7B

 56AE47

 92AE8D

 47AE36

 A1AE9E

 39AE24

 AFAEB0

 2AAE13

 BEAEC1

 1BAE02

 CDAED2

 1AAE00

 DCAEE4

 EBAEF5

 FAAEFF

Harmonies

Analogous

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



A1A553



74AE6A



38B38E

Triad

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



74AE6A



39A8EC



EA818A

Complementary

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



74AE6A



A46AAE

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.



E182B1



74AE6A



8B9CEA

Square

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



74AE6A



00B1D9



C18DD4



E08A67

Rectangle

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



74AE6A



00B4A9



C18DD4



EA8097

Sweetspot

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



74AE6A



CCE3C8



AEA46A



657363



F2F2F2



737373

Same Dimension

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



74AE6A



88E378



6AAE82



4F574E



169600



031700

Inverse Universe

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



A46AAE



D378E3



AE6A96



554E57



800096



140017

Previews

White Background



This preview shows how the Hex color 74AE6A looks on a white background.

Color Contrast Check

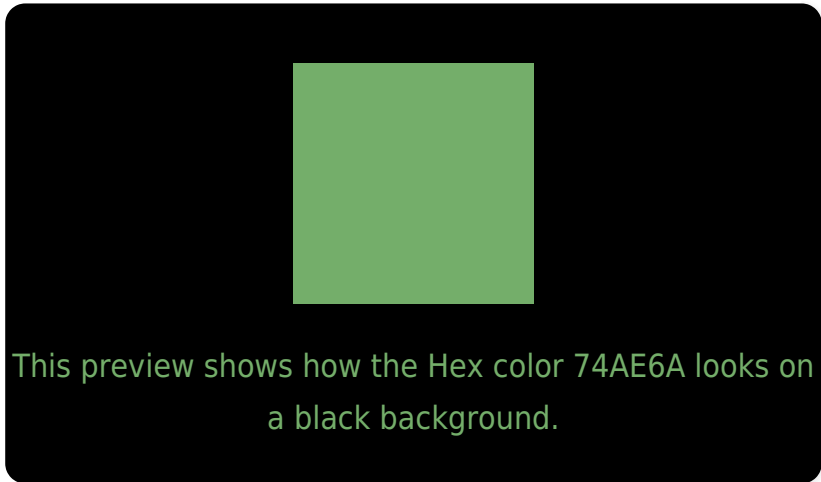
Large Text (above 18pt) WCAG AA × Fail

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

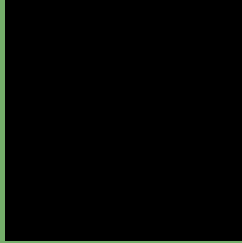
Any Text WCAG AA ✓ Pass

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 74AE6A Background



This preview shows how black text looks on a background with the Hex color 74AE6A.

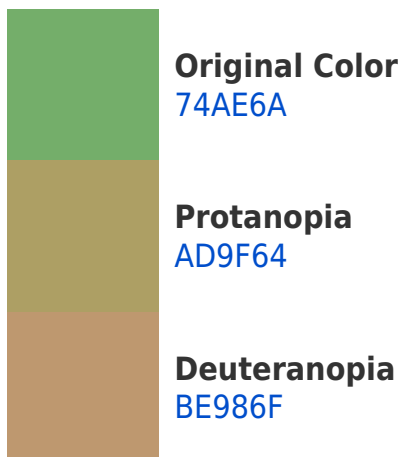


This preview shows how white text looks on a background with the Hex color 74AE6A.

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](#).

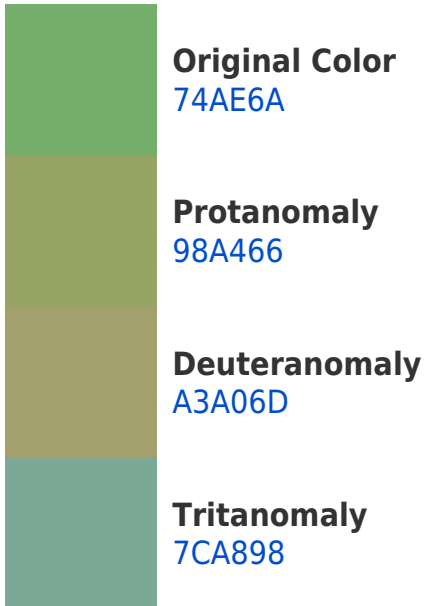
Dichromacy



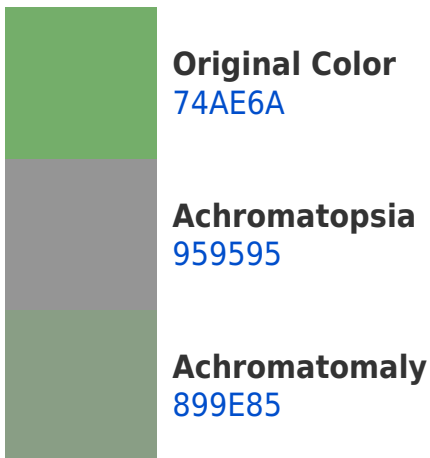


Tritanopia
81A5B3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 74AE6A 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 #74AE6A looks like.

```
.text, #text, p{  
    color:#74AE6A  
}
```

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 #74AE6A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #74AE6A
}
```

Border

The CSS property to change the border of an element to Hex 74AE6A 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
#74AE6A }
```

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

```
.border{ border-color:#74AE6A }
```

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

Here you see how a box with a 4 pixel #74AE6A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #74AE6A; -webkit-box-shadow:4px 4px  
4px 4px #74AE6A; box-shadow:4px 4px 4px  
4px #74AE6A }
```

Background

The CSS property to change the background color of an element to Hex 74AE6A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#74AE6A }
```

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

```
.background{ background-color:#74AE6A }
```

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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