

Converting Colors

Hex(74AA77)

Have a look what the booklet for
Hex(74AA77) contains.

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Color

Hex(74AA77)

Conversions

Conversions Part 1

Format	Color
Hex	74AA77
RGB	116, 170, 119
RGB Percent	45%, 67%, 47%
CMY	0.5451, 0.3333, 0.5333
CMYK	0.32, 0.00, 0.30, 0.33
HSL	123°, 24%, 56%
HSV	123°, 32%, 67%
XYZ	24.9070, 33.7944, 22.6630
YIQ	148.0400, -15.8130, -27.3090

Conversions

Conversions Part 2

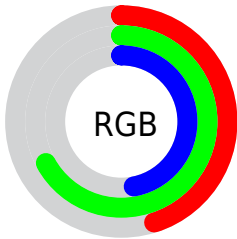
Format	Color
RYB	116, 167, 170
Decimal	7645815
CIELab	64.80, -28.31, 20.78
CIELCh	65, 35.119, 143.718
Yxy	33.7944, 0.3061, 0.4153
Android (android.graphics.Color)	4285835895 (0xFF74AA77)
YUV	148.0400, -14.3167, -28.0991
Hunter-Lab	58.1329, -25.2546, 17.5790

Details

The Hex color **74AA77** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **AA74A7**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **AAE2AB**, and **417546** is the 20% darker color. If you saturate the color by 10%, you get **63AA67**, and if you desaturate by 10%, it is **85AA87**.

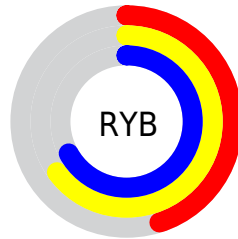
Distribution



Red (45%)

Green (67%)

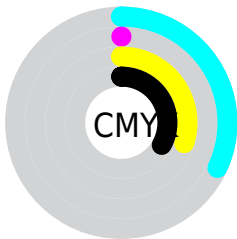
Blue (47%)



Red (45%)

Yellow (65%)

Blue (67%)

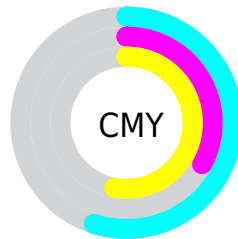


Cyan (32%)

Magenta (0%)

Yellow (30%)

Black (33%)



Cyan (55%)

Magenta (33%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 74AA77 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 74AA77 by changing the saturation by 10% instead.

 74AA77

 74AA77

FFFFFF

 5A8F5E

 AAE2AB

 417546

 C5FEC7

 285C2F

 E2FFE3

 0D4419

 002E01

 001900

 000000

 74AA77

 74AA77

 63AA67

 85AA87

 52AA57

 96AA97

 41AA47

 A7AAA7

 30AA37

 B8AAB7

 1FAA27

 C9AAC7

 0EAA17

 DAAAD7

 00AA09

 EBAAE7

 FCAAF7

 FFAAFF

Harmonies

Analogous

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



99A363



74AA77



4BAE95

Triad

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



74AA77



64A2DB



DA8686

Complementary

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



74AA77



AA74A7

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.



D585A5



74AA77



9798D7

Square

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



74AA77



2DAACF



BF8CC3



CF8E6C

Rectangle

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



74AA77



2DAEAB



BF8CC3



DB8590

Sweetspot

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



74AA77



C8DEC9



A7AA74



637063



F0F0F0



707070

Same Dimension

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



74AA77



8ADE8E



74AA92



4C544C



009408



001401

Inverse Universe

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



AA74A7



DE8AD9



AA748C



544C54



94008C



140013

Previews

White Background



This preview shows how the Hex color 74AA77 looks on a white background.

Color Contrast Check

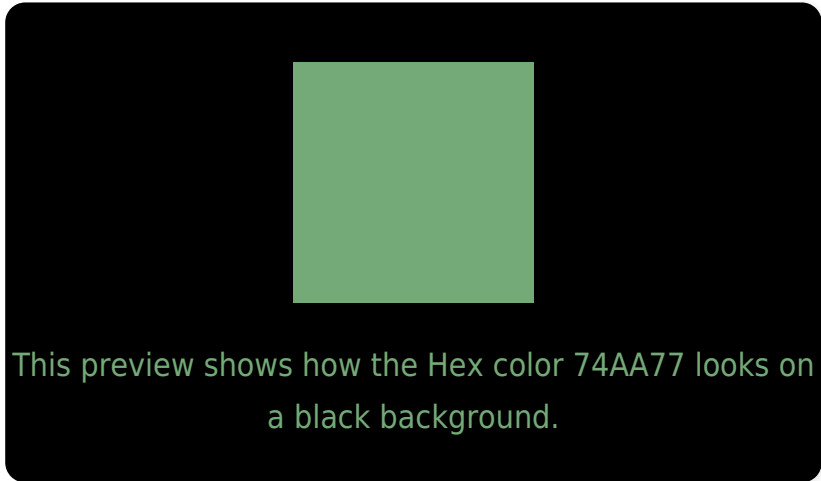
Large Text (above 18pt) WCAG AA × Fail

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

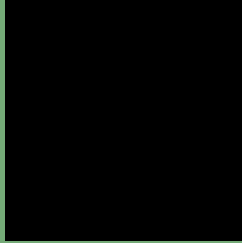
Any Text WCAG AA ✓ Pass

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 74AA77 Background



This preview shows how black text looks on a background with the Hex color 74AA77.

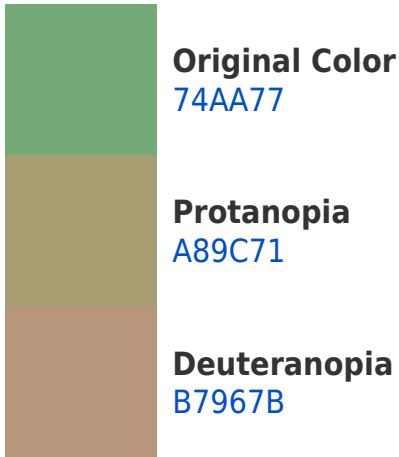


This preview shows how white text looks on a background with the Hex color 74AA77.

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](#).

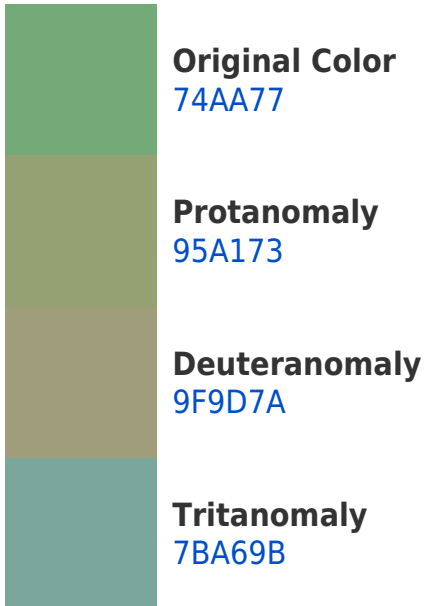
Dichromacy



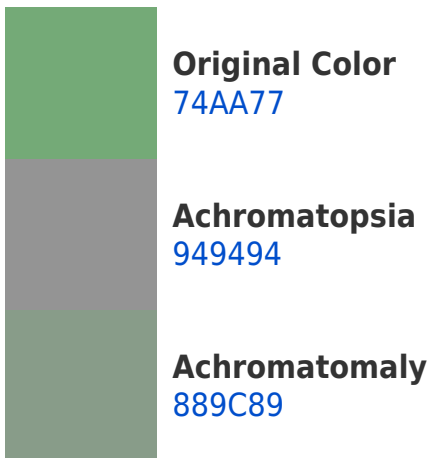


Tritanopia
7FA3B0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 74AA77 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 #74AA77 looks like.

```
.text, #text, p{  
    color:#74AA77  
}
```

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 #74AA77 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #74AA77  
}
```

Border

The CSS property to change the border of an element to Hex 74AA77 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  
#74AA77 }
```

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

```
.border{ border-color:#74AA77 }
```

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

Here you see how a box with a 4 pixel #74AA77 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #74AA77; -webkit-box-shadow:4px 4px  
4px 4px #74AA77; box-shadow:4px 4px 4px  
4px #74AA77 }
```

Background

The CSS property to change the background color of an element to Hex 74AA77 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#74AA77 }
```

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

```
.background{ background-color:#74AA77 }
```

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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