

Converting Colors

Hex(77AB77)

Have a look what the booklet for
Hex(77AB77) contains.

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Color

Hex(77AB77)

Conversions

Conversions Part 1

Format	Color
Hex	77AB77
RGB	119, 171, 119
RGB Percent	47%, 67%, 47%
CMY	0.5333, 0.3294, 0.5333
CMYK	0.30, 0.00, 0.30, 0.33
HSL	120°, 24%, 57%
HSV	120°, 30%, 67%
XYZ	25.5004, 34.3797, 22.7447
YIQ	149.5240, -14.3000, -27.1960

Conversions

Conversions Part 2

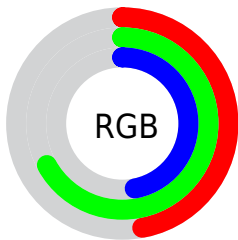
Format	Color
RYB	119, 171, 171
Decimal	7842679
CIELab	65.26, -27.79, 21.44
CIELCh	65, 35.097, 142.349
Yxy	34.3797, 0.3086, 0.4161
Android (android.graphics.Color)	4286032759 (0xFF77AB77)
YUV	149.5240, -15.0483, -26.7695
Hunter-Lab	58.6342, -24.9789, 18.0448

Details

The Hex color **77AB77** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **AB77AB**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **ADE3AC**, and **447646** is the 20% darker color. If you saturate the color by 10%, you get **66AB66**, and if you desaturate by 10%, it is **88AB88**.

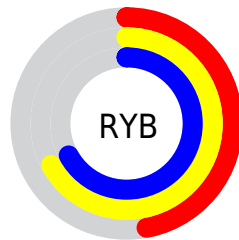
Distribution



Red (47%)

Green (67%)

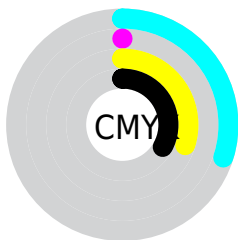
Blue (47%)



Red (47%)

Yellow (67%)

Blue (67%)

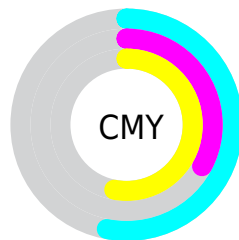


Cyan (30%)

Magenta (0%)

Yellow (30%)

Black (33%)



Cyan (53%)

Magenta (33%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 77AB77 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 77AB77 by changing the saturation by 10% instead.

 77AB77

 77AB77

FFFFFF

 5D905E

 ADE3AC

 447646

 C8FFC7

 2B5D2F

 E5FFE3

 114519

 002E00

 001B00

 000000

 77AB77

 77AB77

 66AB66

 88AB88

 55AB55


 99AB99

 44AB44

 AAABAA

 33AB33

 BBABBB

 21AB21

 CCABCC

 10AB10

 DEABDE

 00AB00

 EFABEF

 FFABFF

Harmonies

Analogous

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



9BA463



77AB77



4EAF95

Triad

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



77AB77



63A4DC



DC8788

Complementary

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



77AB77



AB77AB

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.



D687A8



77AB77



9799D8

Square

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



77AB77



2DABCF



BE8EC5



D18F6E

Rectangle

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



77AB77



31AFAB



BE8EC5



DC8692

Sweetspot

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



77AB77



CADECA



ABAB77



647064



F0F0F0



707070

Same Dimension

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



77AB77



8EDE8E



77AB91



4E574E



009600



001700

Inverse Universe

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



AB77AB



DE8EDE



AB7791



574E57



960096



170017

Previews

White Background



This preview shows how the Hex color 77AB77 looks on a white background.

Color Contrast Check

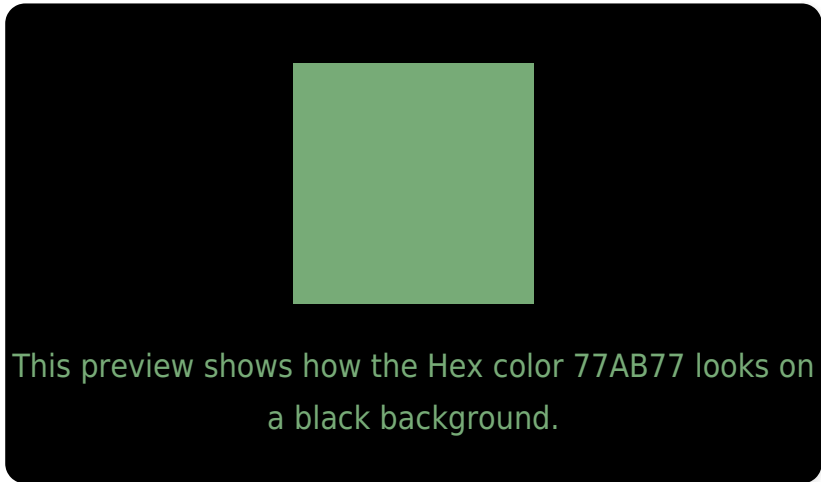
Large Text (above 18pt) WCAG AA × Fail

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

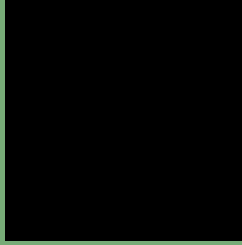
Any Text WCAG AA ✓ Pass

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 77AB77 Background



This preview shows how black text looks on a background with the Hex color 77AB77.

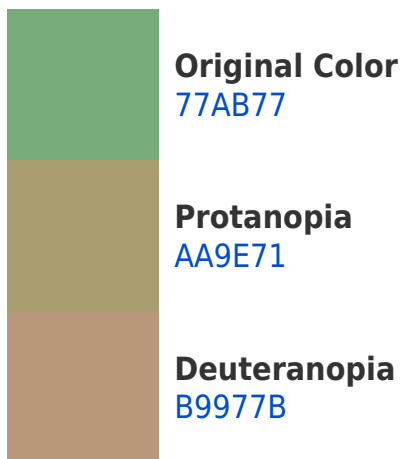


This preview shows how white text looks on a background with the Hex color 77AB77.

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



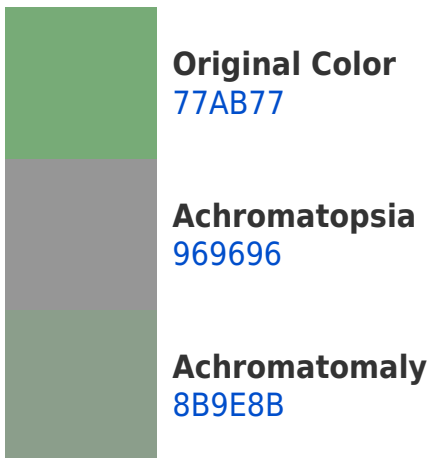


Tritanopia
82A4B1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 77AB77 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 #77AB77 looks like.

```
.text, #text, p{  
    color:#77AB77  
}
```

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 #77AB77 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77AB77  
}
```

Border

The CSS property to change the border of an element to Hex 77AB77 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  
#77AB77 }
```

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

```
.border{ border-color:#77AB77 }
```

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

Here you see how a box with a 4 pixel #77AB77 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77AB77; -webkit-box-shadow:4px 4px  
4px 4px #77AB77; box-shadow:4px 4px 4px  
4px #77AB77 }
```

Background

The CSS property to change the background color of an element to Hex 77AB77 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77AB77 }
```

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

```
.background{ background-color:#77AB77 }
```

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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