

Converting Colors

Hex(77A077)

Have a look what the booklet for
Hex(77A077) contains.

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Color

Hex(77A077)

Conversions

Conversions Part 1

Format	Color
Hex	77A077
RGB	119, 160, 119
RGB Percent	47%, 63%, 47%
CMY	0.5333, 0.3725, 0.5333
CMYK	0.26, 0.00, 0.26, 0.37
HSL	120°, 18%, 55%
HSV	120°, 26%, 63%
XYZ	23.5083, 30.3955, 22.0807
YIQ	143.0670, -11.2750, -21.4430

Conversions

Conversions Part 2

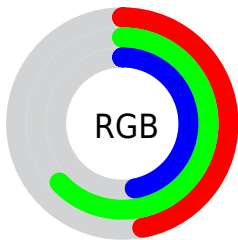
Format	Color
RYB	119, 160, 160
Decimal	7839863
CIELab	61.99, -22.32, 16.97
CIELCh	62, 28.042, 142.760
Yxy	30.3955, 0.3094, 0.4000
Android (android.graphics.Color)	4286029943 (0xFF77A077)
YUV	143.0670, -11.8650, -21.1068
Hunter-Lab	55.1321, -20.3687, 14.8465

Details

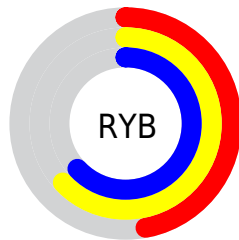
The Hex color **77A077** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **A077A0**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **ACD7AB**, and **456C46** is the 20% darker color. If you saturate the color by 10%, you get **67A067**, and if you desaturate by 10%, it is **87A087**.

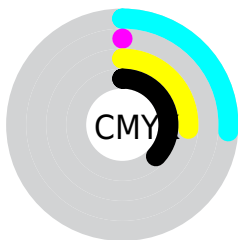
Distribution



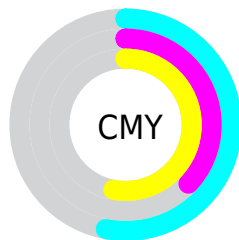
- Red (47%)
- Green (63%)
- Blue (47%)



- Red (47%)
- Yellow (63%)
- Blue (63%)



- Cyan (26%)
- Magenta (0%)
- Yellow (26%)
- Black (37%)



- Cyan (53%)
- Magenta (37%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 77A077 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 77A077 by changing the saturation by 10% instead.

■ 77A077

■ 77A077

FFFFFF

■ 5E865E

■ ACD7AB

■ 456C46

■ C8F3C7

■ 2D5430

■ E4FFE3

■ 163C1A

■ 012601

■ 000D00

■ 000000

■ 77A077

■ 77A077

■ 67A067

■ 87A087

 57A057

 97A097

 47A047

 A7A0A7

 37A037

 B7A0B7

 27A027

 C7A0C7

 17A017

 D7A0D7

 07A007

 E7A0E7

 00A000

 F7A0F7

 FFA0FF

Harmonies

Analogous

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



949A67



77A077



5AA38F

Triad

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



77A077



6C9AC7



C78484

Complementary

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



77A077



A077A0

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.



C3849D



77A077



9192C3

Square

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



77A077



4CA0BD



B089B4



BF8A6F

Rectangle

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



77A077



4BA4A0



B089B4



C7838C

Sweetspot

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



77A077



C0D1C0



A0A077



5E695E



E8E8E8



696969

Same Dimension

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



77A077



90D190



77A08B



474F47



008F00



000F00

Inverse Universe

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



A077A0



D190D1



A0778B



4F474F



8F008F



0F000F

Previews

White Background



This preview shows how the Hex color 77A077 looks on a white background.

Color Contrast Check

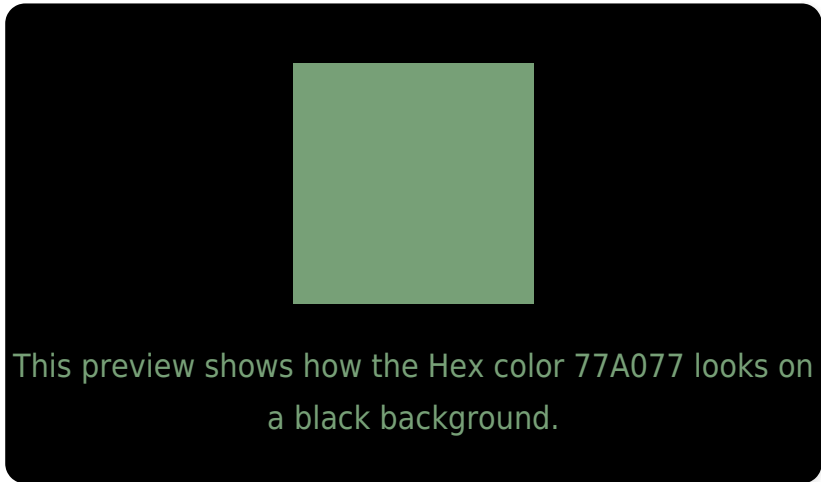
Large Text (above 18pt) WCAG AA × Fail

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

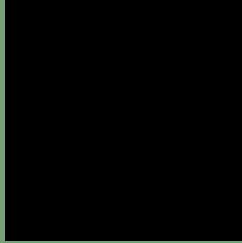
Any Text WCAG AA ✓ Pass

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 77A077 Background



This preview shows how black text looks on a background with the Hex color 77A077.

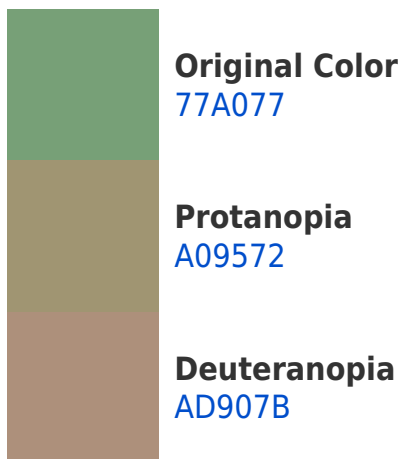


This preview shows how white text looks on a background with the Hex color 77A077.

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](#).

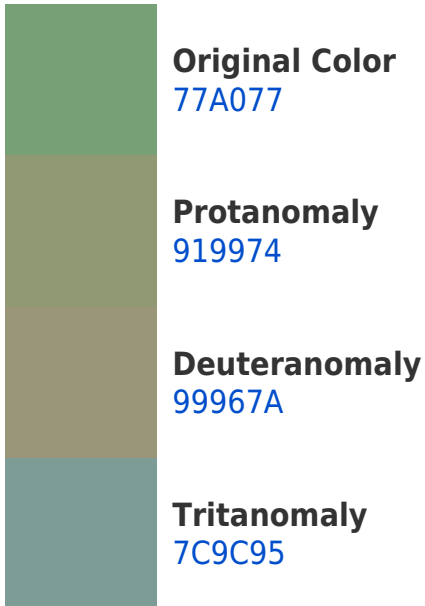
Dichromacy



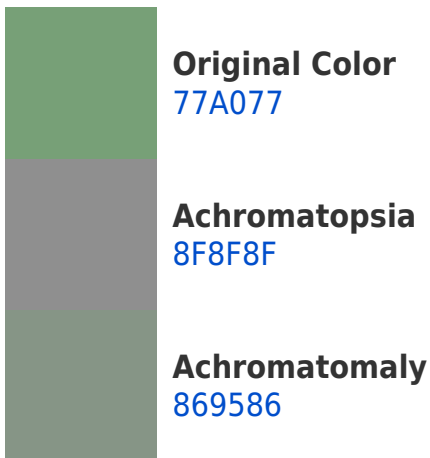


Tritanopia
7F9AA6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 77A077 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 #77A077 looks like.

```
.text, #text, p{  
    color:#77A077  
}
```

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 #77A077 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77A077  
}
```

Border

The CSS property to change the border of an element to Hex 77A077 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  
#77A077 }
```

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

```
.border{ border-color:#77A077 }
```

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

Here you see how a box with a 4 pixel #77A077 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77A077; -webkit-box-shadow:4px 4px  
4px 4px #77A077; box-shadow:4px 4px 4px  
4px #77A077 }
```

Background

The CSS property to change the background color of an element to Hex 77A077 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77A077 }
```

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

```
.background{ background-color:#77A077 }
```

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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