

Converting Colors

Hex(77A375)

Have a look what the booklet for
Hex(77A375) contains.

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Color

Hex(77A375)

Conversions

Conversions Part 1

Format	Color
Hex	77A375
RGB	119, 163, 117
RGB Percent	47%, 64%, 46%
CMY	0.5333, 0.3608, 0.5412
CMYK	0.27, 0.00, 0.28, 0.36
HSL	117°, 20%, 55%
HSV	117°, 28%, 64%
XYZ	23.9158, 31.4007, 21.6301
YIQ	144.6000, -11.4580, -23.6340

Conversions

Conversions Part 2

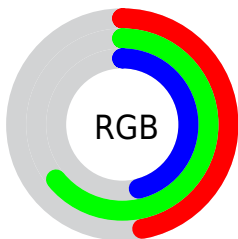
Format	Color
RYB	117, 163, 161
Decimal	7840629
CIELab	62.84, -24.19, 19.24
CIELCh	63, 30.907, 141.498
Yxy	31.4007, 0.3108, 0.4081
Android (android.graphics.Color)	4286030709 (0xFF77A375)
YUV	144.6000, -13.6068, -22.4512
Hunter-Lab	56.0363, -21.8812, 16.3394

Details

The Hex color **77A375** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **A175A3**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **ACDAA9**, and **456F44** is the 20% darker color. If you saturate the color by 10%, you get **67A365**, and if you desaturate by 10%, it is **87A385**.

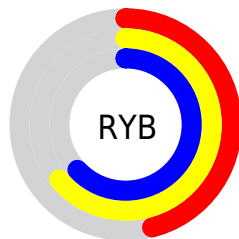
Distribution



Red (47%)

Green (64%)

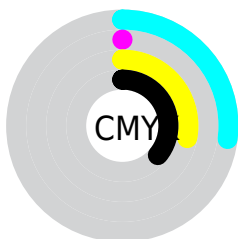
Blue (46%)



Red (46%)

Yellow (64%)

Blue (63%)

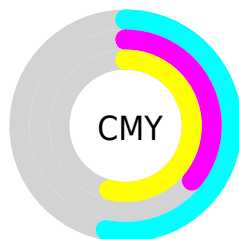


Cyan (27%)

Magenta (0%)

Yellow (28%)

Black (36%)



Cyan (53%)

Magenta (36%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 77A375 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 77A375 by changing the saturation by 10% instead.



77A375



77A375

FFFFFF



5E895C



ACDAA9



456F44



C8F7C5



2D562E



E4FFE1



153F18

FFFFFFD



002800



001200



000000



77A375



77A375



67A365



87A385

 58A354

 96A396

 48A344

 A6A3A6

 39A334

 B5A3B6

 29A324

 C5A3C7

 19A313

 D5A3D7

 0AA303

 E4A3E7

 07A300

 F4A3F7

 FFA3FF

Harmonies

Analogous

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



979C64



77A375



56A68F

Triad

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



77A375



669DCE



CE8485

Complementary

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



77A375



A175A3

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.



C984A1



77A375



9194CB

Square

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



77A375



40A4C2



B38ABA



C68A6E

Rectangle

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



77A375



41A7A2



B38ABA



CE838E

Sweetspot

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



77A375



C3D4C3



A3A175



616B60



EBEBEB



6B6B6B

Same Dimension

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



77A375



8FD48C



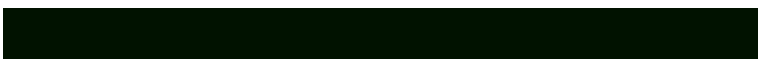
75A38A



4A5249



069100



011200

Inverse Universe

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



A175A3



D18CD4



A3758E



514952



8B0091



110012

Previews

White Background



This preview shows how the Hex color 77A375 looks on a white background.

Color Contrast Check

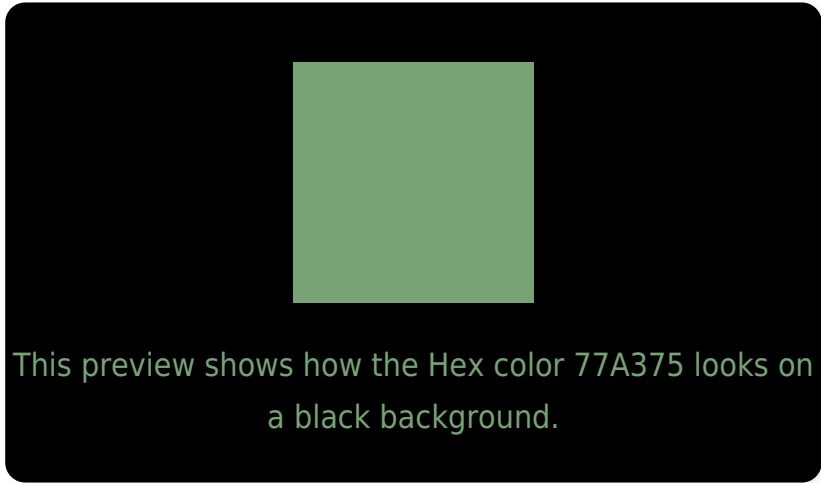
Large Text (above 18pt) WCAG AA × Fail

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

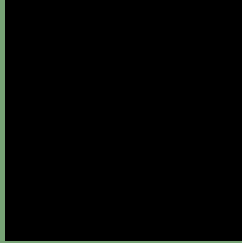
Any Text WCAG AA ✓ Pass

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 77A375 Background



This preview shows how black text looks on a background with the Hex color 77A375.



This preview shows how white text looks on a background with the Hex color 77A375.

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



Original Color
77A375

Protanopia
A39770

Deuteranopia
B19179



Tritanopia
809CA9

Trichromacy



Original Color
77A375

Protanomaly
939B72

Deuteranomaly
9C9878

Tritanomaly
7D9F96

Monochromacy



Original Color
77A375

Achromatopsia
919191

Achromatomaly
889887

CSS Examples

Text

The CSS property to change the color of the text to Hex 77A375 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 #77A375 looks like.

```
.text, #text, p{  
    color:#77A375  
}
```

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 #77A375 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77A375
}
```

Border

The CSS property to change the border of an element to Hex 77A375 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
#77A375 }
```

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

```
.border{ border-color:#77A375 }
```

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

Here you see how a box with a 4 pixel #77A375 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77A375; -webkit-box-shadow:4px 4px  
4px 4px #77A375; box-shadow:4px 4px 4px  
4px #77A375 }
```

Background

The CSS property to change the background color of an element to Hex 77A375 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77A375 }
```

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

```
.background{ background-color:#77A375 }
```

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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