

Converting Colors

Hex(76A877)

Have a look what the booklet for
Hex(76A877) contains.

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Color

Hex(76A877)

Conversions

Conversions Part 1

Format	Color
Hex	76A877
RGB	118, 168, 119
RGB Percent	46%, 66%, 47%
CMY	0.5373, 0.3412, 0.5333
CMYK	0.30, 0.00, 0.29, 0.34
HSL	121°, 22%, 56%
HSV	121°, 30%, 66%
XYZ	24.8036, 33.1887, 22.5515
YIQ	147.4640, -14.0710, -25.8390

Conversions

Conversions Part 2

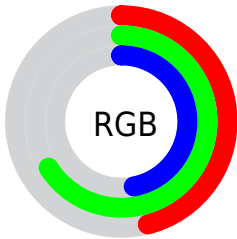
Format	Color
RYB	118, 167, 168
Decimal	7776375
CIELab	64.31, -26.66, 20.14
CIElCh	64, 33.412, 142.932
Yxy	33.1887, 0.3080, 0.4121
Android (android.graphics.Color)	4285966455 (0xFF76A877)
YUV	147.4640, -14.0328, -25.8399
Hunter-Lab	57.6097, -23.9644, 17.1174

Details

The Hex color **76A877** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **A876A7**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **ABDFAB**, and **437446** is the 20% darker color. If you saturate the color by 10%, you get **65A867**, and if you desaturate by 10%, it is **87A887**.

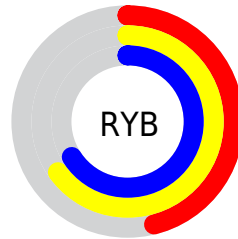
Distribution



Red (46%)

Green (66%)

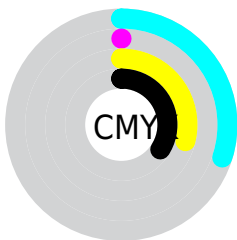
Blue (47%)



Red (46%)

Yellow (65%)

Blue (66%)

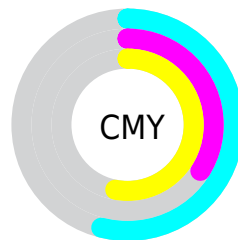


Cyan (30%)

Magenta (0%)

Yellow (29%)

Black (34%)



Cyan (54%)

Magenta (34%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 76A877 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 76A877 by changing the saturation by 10% instead.

 76A877

 76A877

FFFFFF

 5C8D5E


 ABDFAB

 437446

 C7FCC7

 2B5B2F

 E4FFE3

 11431A

 002C01

 001800

 000000

 76A877

 76A877

 65A867

 87A887

 54A856

 98A898

 44A846


 A8A8A8

 33A835

 B9A8B9

 22A825

 CAA8C9

 11A814

 DBA8DA

 00A804

 ECA8EA

 00A803

 FCA8FB

 FFA8FF

Harmonies

Analogous

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



98A164



76A877



50AC94

Triad

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



76A877



66A1D7



D68686

Complementary

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



76A877



A876A7

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.



D186A4



76A877



9697D3

Square

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



76A877



37A8CB



BB8CC0



CC8D6D

Rectangle

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



76A877



38ACA8



BB8CC0



D78590

Sweetspot

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



76A877



C8DBC8



A7A876



626E62



EDEDED



6E6E6E

Same Dimension

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



76A877



8CDB8E



76A890



4C544C



009403



001400

Inverse Universe

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



A876A7



DB8CDA



A8768E



544C54



940091



140014

Previews

White Background



This preview shows how the Hex color 76A877 looks on a white background.

Color Contrast Check

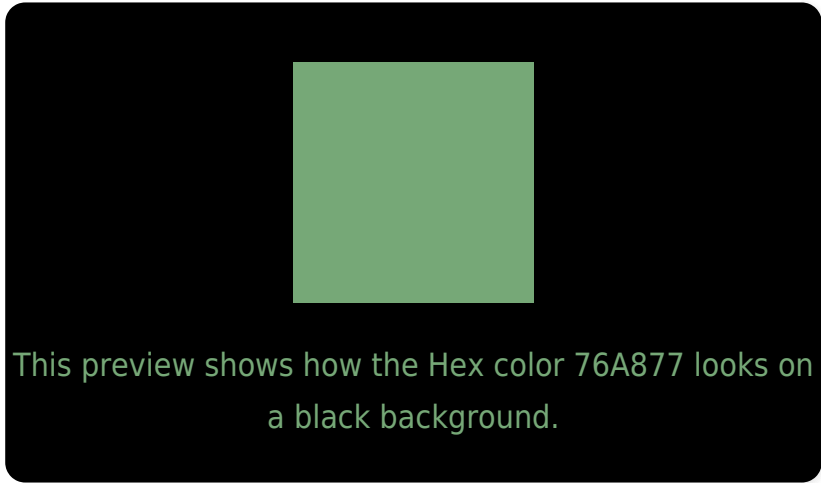
Large Text (above 18pt) WCAG AA × Fail

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 76A877 Background



This preview shows how black text looks on a background with the Hex color 76A877.



This preview shows how white text looks on a background with the Hex color 76A877.

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
76A877

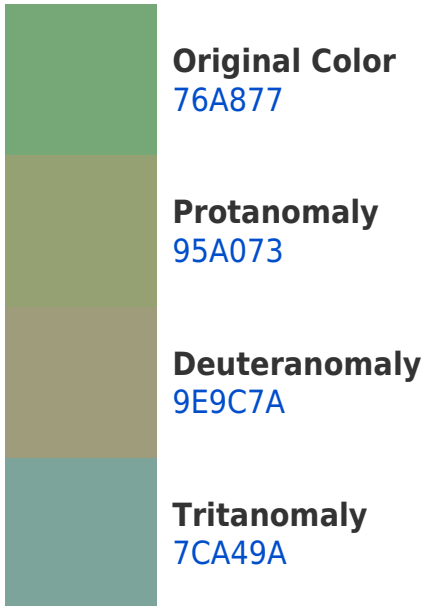
Protanopia
A79B71

Deuteranopia
B5957B

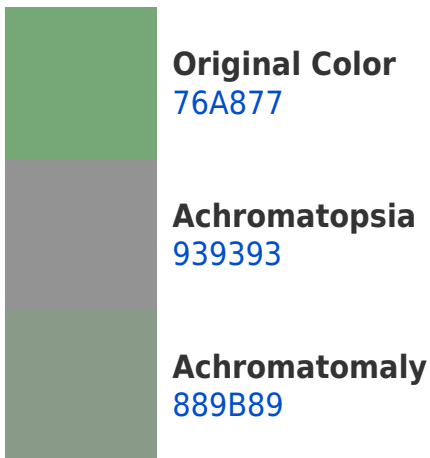


Tritanopia
80A1AE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 76A877 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 #76A877 looks like.

```
.text, #text, p{  
    color:#76A877  
}
```

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 #76A877 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76A877  
}
```

Border

The CSS property to change the border of an element to Hex 76A877 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  
#76A877 }
```

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

```
.border{ border-color:#76A877 }
```

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

Here you see how a box with a 4 pixel #76A877 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76A877; -webkit-box-shadow:4px 4px  
4px 4px #76A877; box-shadow:4px 4px 4px  
4px #76A877 }
```

Background

The CSS property to change the background color of an element to Hex 76A877 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76A877 }
```

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

```
.background{ background-color:#76A877 }
```

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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