

Converting Colors

Hex(76A273)

Have a look what the booklet for
Hex(76A273) contains.

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Color

Hex(76A273)

Conversions

Conversions Part 1

Format	Color
Hex	76A273
RGB	118, 162, 115
RGB Percent	46%, 64%, 45%
CMY	0.5373, 0.3647, 0.5490
CMYK	0.27, 0.00, 0.29, 0.36
HSL	116°, 20%, 54%
HSV	116°, 29%, 64%
XYZ	23.4861, 30.9300, 20.9519
YIQ	143.4860, -11.1370, -23.9450

Conversions

Conversions Part 2

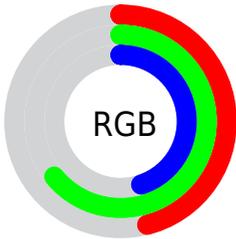
Format	Color
RYB	115, 162, 159
Decimal	7774835
CIELab	62.45, -24.38, 19.79
CIELCh	62, 31.404, 140.935
Yxy	30.9300, 0.3116, 0.4104
Android (android.graphics.Color)	4285964915 (0xFF76A273)
YUV	143.4860, -14.0436, -22.3512
Hunter-Lab	55.6148, -21.9455, 16.5939

Details

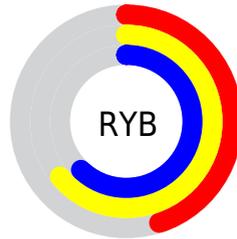
The Hex color **76A273** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **9F73A2**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **ABD9A7**, and **446E42** is the 20% darker color. If you saturate the color by 10%, you get **67A263**, and if you desaturate by 10%, it is **85A283**.

Distribution



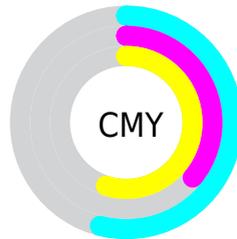
- Red (46%)
- Green (64%)
- Blue (45%)



- Red (45%)
- Yellow (64%)
- Blue (62%)



- Cyan (27%)
- Magenta (0%)
- Yellow (29%)
- Black (36%)



- Cyan (54%)
- Magenta (36%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 76A273 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 76A273 by changing the saturation by 10% instead.

 76A273

 76A273

FFFFFF

 5D885A

 ABD9A7

 446E42

 C7F6C2

 2C552C

 E3FFDE

 143E16

 FFFFFB

 002800

 001000

 000000

 76A273

 76A273

 67A263

 85A283

 58A253

 94A293

 49A242

 A3A2A4

 39A232

 B3A2B4

 2AA222

 C2A2C4

 1BA212

 D1A2D4

 0CA202

 E0A2E4

 0AA200

 EFA2F5

 FEA2FF

Harmonies

Analogous

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



969B62



76A273



54A68D

Triad

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



76A273



639CCD



CE8384

Complementary

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



76A273



9F73A2

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.



C883A1



76A273



8F93CB

Square

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



76A273



3BA3C1



B289BA



C6896D

Rectangle

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



76A273



3EA6A1



B289BA



CE828E

Sweetspot

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



76A273



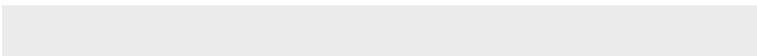
C2D4C1



A29F73



606B5F



EBEBEB



6B6B6B

Same Dimension

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



76A273



8ED48A



73A287



4A5249



099100



011200

Inverse Universe

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



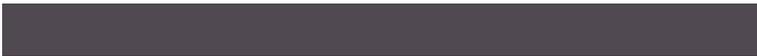
9F73A2



CF8AD4



A2738E



514952



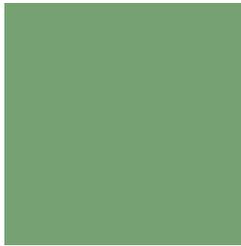
880091



110012

Previews

White Background



This preview shows how the Hex color 76A273 looks on a white background.

Color Contrast Check

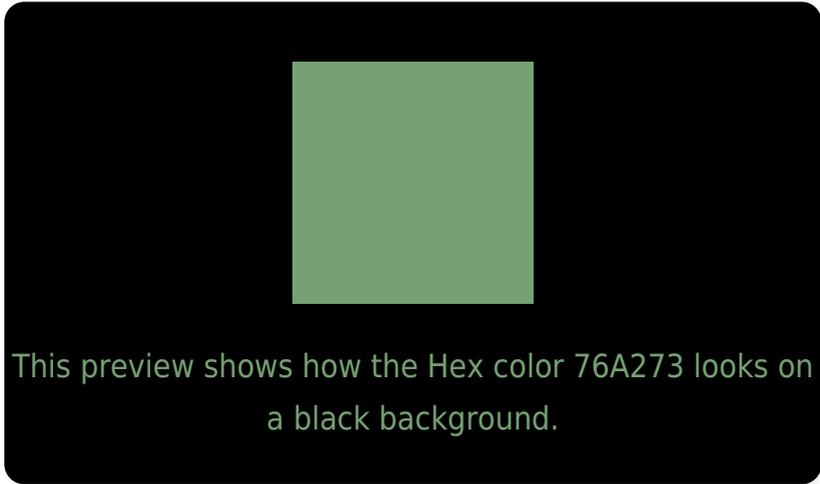
Large Text (above 18pt) WCAG AA × Fail

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

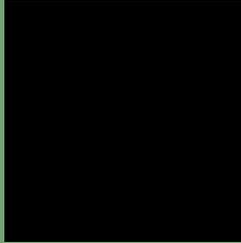
Any Text WCAG AA ✓ Pass

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 76A273 Background



This preview shows how black text looks on a background with the Hex color 76A273.



This preview shows how white text looks on a background with the Hex color 76A273.

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
7F9BA8

Trichromacy



Original Color
76A273

Protanomaly
929A70

Deuteranomaly
9B9776

Tritanomaly
7C9E95

Monochromacy



Original Color
76A273

Achromatopsia
8F8F8F

Achromatomaly
869685

CSS Examples

Text

The CSS property to change the color of the text to Hex 76A273 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 #76A273 looks like.

```
.text, #text, p{  
    color:#76A273  
}
```

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 #76A273 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76A273
}
```

Border

The CSS property to change the border of an element to Hex 76A273 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
#76A273 }
```

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

```
.border{ border-color:#76A273 }
```

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

Here you see how a box with a 4 pixel #76A273 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76A273; -webkit-box-shadow:4px 4px  
4px 4px #76A273; box-shadow:4px 4px 4px  
4px #76A273 }
```

Background

The CSS property to change the background color of an element to Hex 76A273 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76A273 }
```

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

```
.background{ background-color:#76A273 }
```

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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