

Converting Colors

Hex(76A973)

Have a look what the booklet for
Hex(76A973) contains.

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Color

Hex(76A973)

Conversions

Conversions Part 1

Format	Color
Hex	76A973
RGB	118, 169, 115
RGB Percent	46%, 66%, 45%
CMY	0.5373, 0.3373, 0.5490
CMYK	0.30, 0.00, 0.32, 0.34
HSL	117°, 24%, 56%
HSV	117°, 32%, 66%
XYZ	24.7537, 33.4653, 21.3744
YIQ	147.5950, -13.0620, -27.6060

Conversions

Conversions Part 2

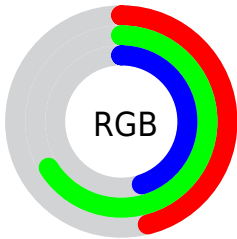
Format	Color
RYB	115, 169, 166
Decimal	7776627
CIELab	64.54, -27.83, 22.62
CIELCh	65, 35.865, 140.902
Yxy	33.4653, 0.3110, 0.4205
Android (android.graphics.Color)	4285966707 (0xFF76A973)
YUV	147.5950, -16.0693, -25.9548
Hunter-Lab	57.8492, -24.8559, 18.5876

Details

The Hex color **76A973** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **A673A9**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **ACE1A7**, and **437542** is the 20% darker color. If you saturate the color by 10%, you get **66A962**, and if you desaturate by 10%, it is **86A984**.

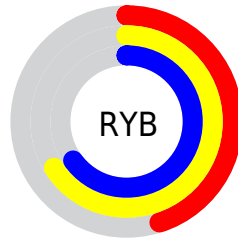
Distribution



Red (46%)

Green (66%)

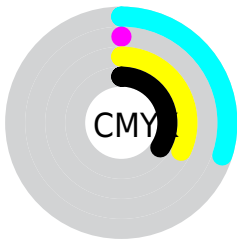
Blue (45%)



Red (45%)

Yellow (66%)

Blue (65%)

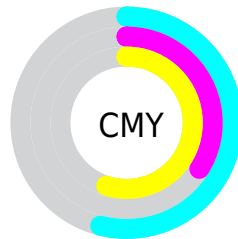


Cyan (30%)

Magenta (0%)

Yellow (32%)

Black (34%)



Cyan (54%)

Magenta (34%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 76A973 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 76A973 by changing the saturation by 10% instead.

 76A973

 76A973

FFFFFF

 5C8E5A

 ACE1A7

 437542

 C7FDC3

 2B5C2B

 E4FFDF


 104416

 FFFFFB

 002D00

 001800

 000000

 76A973

 76A973

 66A962

 86A984

 56A951

 96A995

 46A940

 A6A9A6

 36A92F

 B6A9B7

 26A91E

 C6A9C7

 16A90E

 D6A9D8

 09A900

 E6A9E9

 F6A9FA

 FFA9FF

Harmonies

Analogous

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



9BA260



76A973



4CAD91

Triad

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



76A973



5CA3DB



DB8587

Complementary

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



76A973



A673A9

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.



D484A8



76A973



9298D8

Square

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



76A973



1FAACD



BB8CC5



D18C6C

Rectangle

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



76A973



2BAEA7



BB8CC5



DB8492

Sweetspot

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



76A973



C7DBC5



A9A573



616E60



EDEDED



6E6E6E

Same Dimension

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



76A973



8DDB88



73A98A



4C544C



089400



011400

Inverse Universe

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



A673A9



D788DB



A97392



544C54



8C0094



130014

Previews

White Background



This preview shows how the Hex color 76A973 looks on a white background.

Color Contrast Check

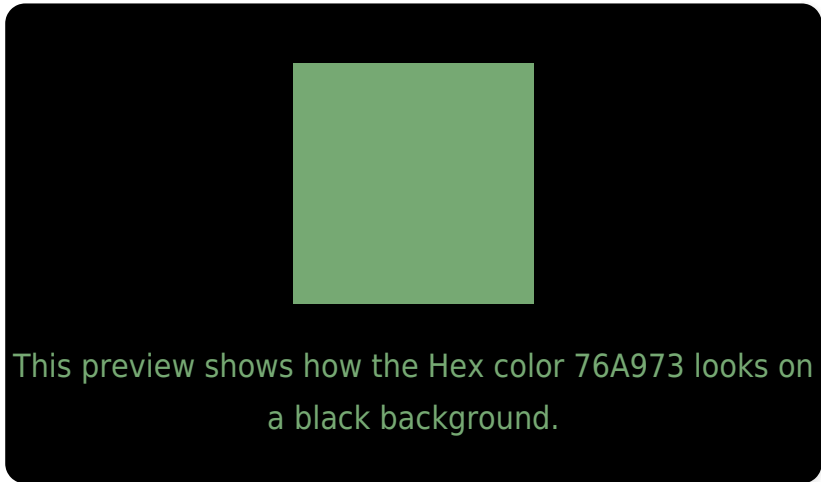
Large Text (above 18pt) WCAG AA × Fail

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

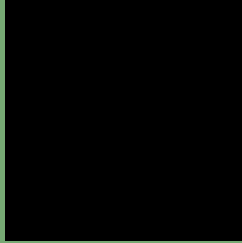
Any Text WCAG AA ✓ Pass

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 76A973 Background



This preview shows how black text looks on a background with the Hex color 76A973.

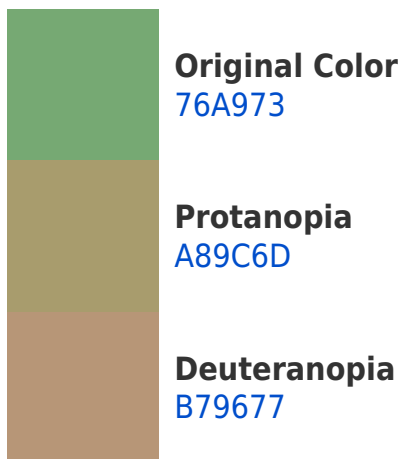


This preview shows how white text looks on a background with the Hex color 76A973.

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](#).

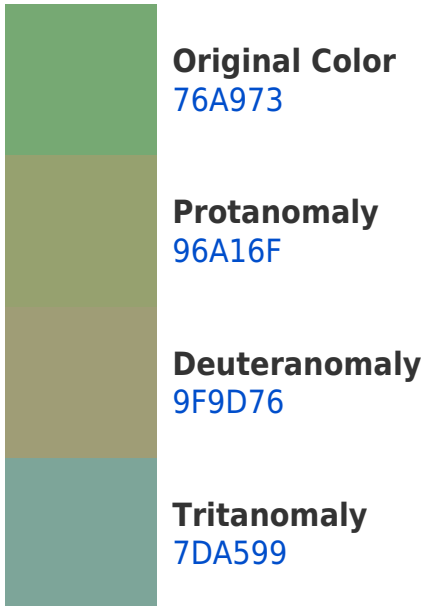
Dichromacy





Tritanopia
81A2AE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 76A973 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 #76A973 looks like.

```
.text, #text, p{  
    color:#76A973  
}
```

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 #76A973 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76A973
}
```

Border

The CSS property to change the border of an element to Hex 76A973 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
#76A973 }
```

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

```
.border{ border-color:#76A973 }
```

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

Here you see how a box with a 4 pixel #76A973 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76A973; -webkit-box-shadow:4px 4px  
4px 4px #76A973; box-shadow:4px 4px 4px  
4px #76A973 }
```

Background

The CSS property to change the background color of an element to Hex 76A973 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76A973 }
```

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

```
.background{ background-color:#76A973 }
```

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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