

# Converting Colors

Hex(76AA73)

Have a look what the booklet for  
Hex(76AA73) contains.

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# **Color**

**Hex(76AA73)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 76AA73                       |
| RGB         | 118, 170, 115                |
| RGB Percent | 46%, 67%, 45%                |
| CMY         | 0.5373, 0.3333, 0.5490       |
| CMYK        | 0.31, 0.00, 0.32, 0.33       |
| HSL         | 117°, 24%, 56%               |
| HSV         | 117°, 32%, 67%               |
| XYZ         | 24.9405, 33.8388, 21.4367    |
| YIQ         | 148.1820, -13.3370, -28.1290 |

# Conversions

## Conversions Part 2

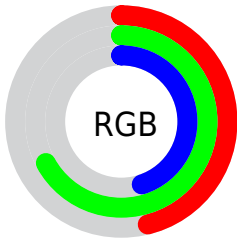
| <b>Format</b>                       | <b>Color</b>                                     |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">115, 170, 167</a>                    |
| Decimal                             | <a href="#">7776883</a>                          |
| CIELab                              | <a href="#">64.83, -28.32, 23.02</a>             |
| CIELCh                              | <a href="#">65, 36.496, 140.893</a>              |
| Yxy                                 | <a href="#">33.8388, 0.3109,<br/>0.4218</a>      |
| Android<br>(android.graphics.Color) | <a href="#">4285966963<br/>(0xFF76AA73)</a>      |
| YUV                                 | <a href="#">148.1820, -16.3587,<br/>-26.4696</a> |
| Hunter-Lab                          | <a href="#">58.1711, -25.2689,<br/>18.8708</a>   |

# Details

The Hex color **76AA73** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **A773AA**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **ACE2A7**, and **437542** is the 20% darker color. If you saturate the color by 10%, you get **66AA62**, and if you desaturate by 10%, it is **86AA84**.

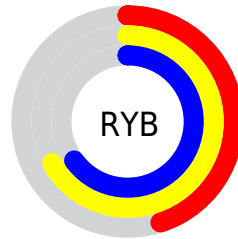
# Distribution



Red (46%)

Green (67%)

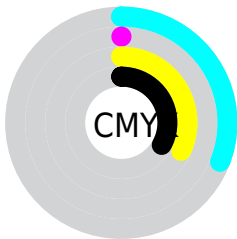
Blue (45%)



Red (45%)

Yellow (67%)

Blue (65%)

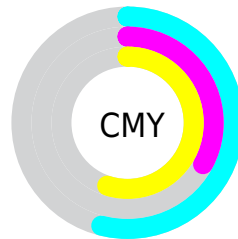


Cyan (31%)

Magenta (0%)

Yellow (32%)

Black (33%)



Cyan (54%)

Magenta (33%)

Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 76AA73 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 76AA73 by changing the saturation by 10% instead.





76AA73



76AA73

FFFFFF



5C8F5A



ACE2A7



437542



C7FEC3



2A5C2B



E4FFDF



104516



FFFFFB



002E00



001A00



000000



76AA73



76AA73



66AA62



86AA84

 56AA51

 96AA95

 46AA40

 A6AAA6

 36AA2F

 B6AAB7

 26AA1E

 C6AAC8

 16AA0D

 D6AAD9

 09AA00

 E7AAEA

 F7AAFB

 FFAAFF

# Harmonies

## Analogous

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



9CA25F



76AA73



4AAE92

# Triad

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



76AA73



5BA4DD



DD8588

# Complementary

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



76AA73



A773AA

# 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.



D685A9



76AA73



9299DA

# Square

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



76AA73



18ABCF



BD8DC7



D38D6C

# Rectangle

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



76AA73



27AFA8



BD8DC7



DD8492



# Sweetspot

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



76AA73



C9DEC8



AAA673



637063



F0F0F0



707070



# Same Dimension

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



76AA73



8CDE87



73AA8B



4C544C



089400



011400



# Inverse Universe

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



A773AA



D987DE



AA7392



544C54



8C0094



130014



# Previews

## White Background



This preview shows how the Hex color 76AA73 looks on a white background.

## Color Contrast Check

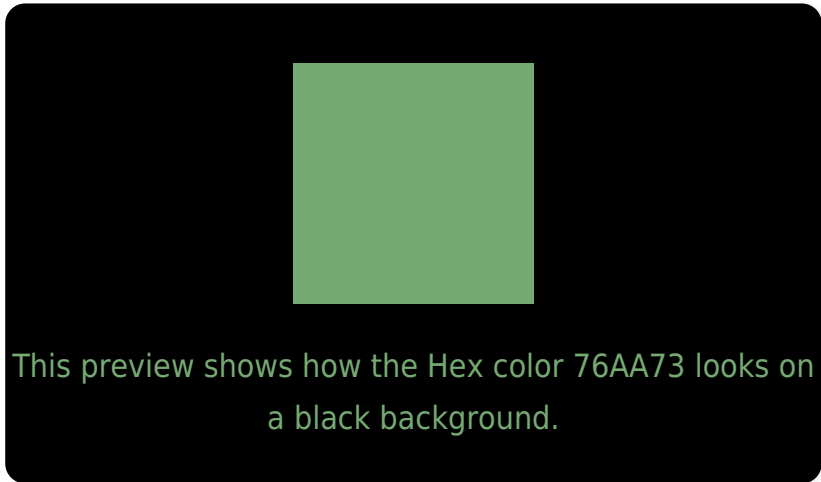
Large Text (above 18pt) WCAG AA × Fail

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

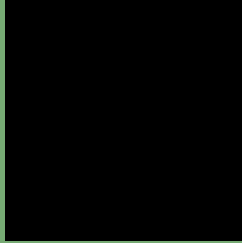
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 76AA73 Background



This preview shows how black text looks on a background with the Hex color 76AA73.



This preview shows how white text looks on a background with the Hex color 76AA73.

# 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](#).

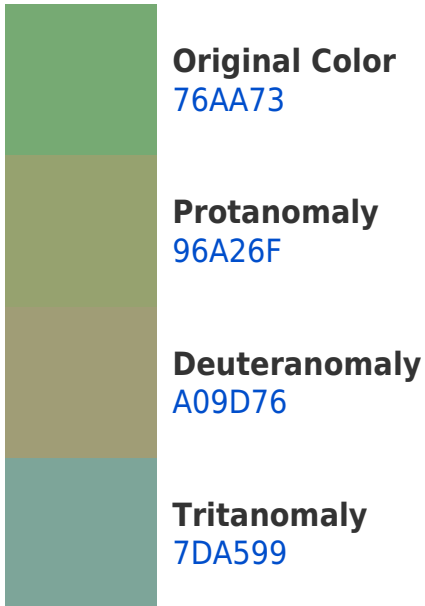
## Dichromacy



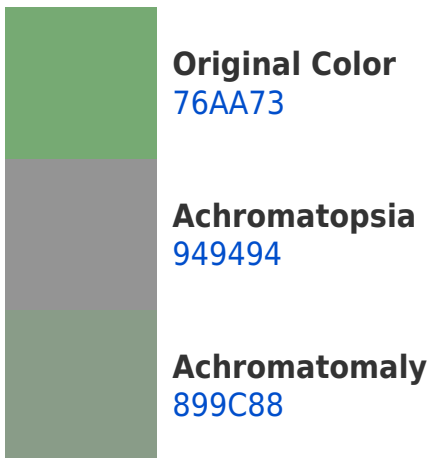


**Tritanopia**  
81A2AF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 76AA73 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 #76AA73 looks like.

```
.text, #text, p{  
    color:#76AA73  
}
```

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 #76AA73 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76AA73
}
```

## Border

The CSS property to change the border of an element to Hex 76AA73 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
#76AA73 }
```

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

```
.border{ border-color:#76AA73 }
```

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

Here you see how a box with a 4 pixel #76AA73 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76AA73; -webkit-box-shadow:4px 4px  
4px 4px #76AA73; box-shadow:4px 4px 4px  
4px #76AA73 }
```

# Background

The CSS property to change the background color of an element to Hex 76AA73 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76AA73 }
```

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

```
.background{ background-color:#76AA73 }
```

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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