

# Converting Colors

Hex(76AB91)

Have a look what the booklet for  
Hex(76AB91) contains.

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# **Color**

**Hex(76AB91)**

# Conversions

## Conversions Part 1

Format	Color
Hex	76AB91
RGB	118, 171, 145
RGB Percent	46%, 67%, 57%
CMY	0.5373, 0.3294, 0.4314
CMYK	0.31, 0.00, 0.15, 0.33
HSL	151°, 24%, 57%
HSV	151°, 31%, 67%
XYZ	27.1450, 35.0217, 32.1172
YIQ	152.1890, -23.2420, -19.3220

# Conversions

## Conversions Part 2

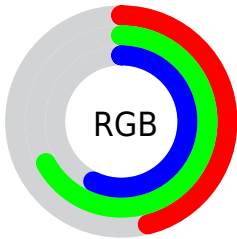
<b>Format</b>	<b>Color</b>
<b>RYB</b>	118, 153, 171
Decimal	7777169
CIELab	65.77, -23.17, 7.84
CIElCh	66, 24.458, 161.301
Yxy	35.0217, 0.2879, 0.3714
Android (android.graphics.Color)	4285967249 (0xFF76AB91)
YUV	152.1890, -3.5442, -29.9838
Hunter-Lab	59.1791, -21.6871, 9.2480

# Details

The Hex color **76AB91** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **AB7690**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **ABE3C7**, and **43765F** is the 20% darker color. If you saturate the color by 10%, you get **65AB89**, and if you desaturate by 10%, it is **87AB99**.

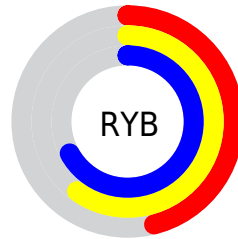
# Distribution



Red (46%)

Green (67%)

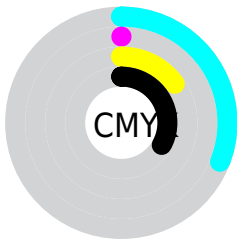
Blue (57%)



Red (46%)

Yellow (60%)

Blue (67%)

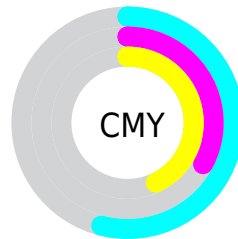


Cyan (31%)

Magenta (0%)

Yellow (15%)

Black (33%)



Cyan (54%)

Magenta (33%)

Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 76AB91 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 76AB91 by changing the saturation by 10% instead.



 76AB91

 76AB91

FFFFFF

 5C9077

 ABE3C7

 43765F

 C7FFE3

 2B5E47

 E4FFFF

 114630

 002F1C

 001C01

 000000

 76AB91

 76AB91

 65AB89

 87AB99

 54AB80

 98ABA2

 43AB78

 A9ABAA

 32AB6F

 BAABB3

 20AB67

 CBABBB

 0FAB5F

 DDABC3

 00AB57

 EEABCC

 FFABD4

 FFABDC

# Harmonies

## Analogous

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



8FA77E



76AB91



63ACA8

# Triad

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



76AB91



909FCA



C99384

# Complementary

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



76AB91



AB7690

# 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.



CC9098



76AB91



AE97C1

# Square

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



76AB91



72A6C9



C391AE



BC9A77

# Rectangle

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



76AB91



5FABB6



C391AE



CC928A



# Sweetspot

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



76AB91



CADED4



90AB76



64706A



F0F0F0



707070



# Same Dimension

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



76AB91



8CDEB6



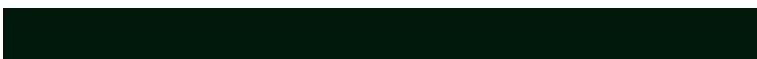
76ABAB



4E5752



00964D



00170C



# Inverse Universe

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



AB7690



DE8CB4



AB7676



574E52



96004A



17000B



# Previews

## White Background



This preview shows how the Hex color 76AB91 looks on a white background.

## Color Contrast Check

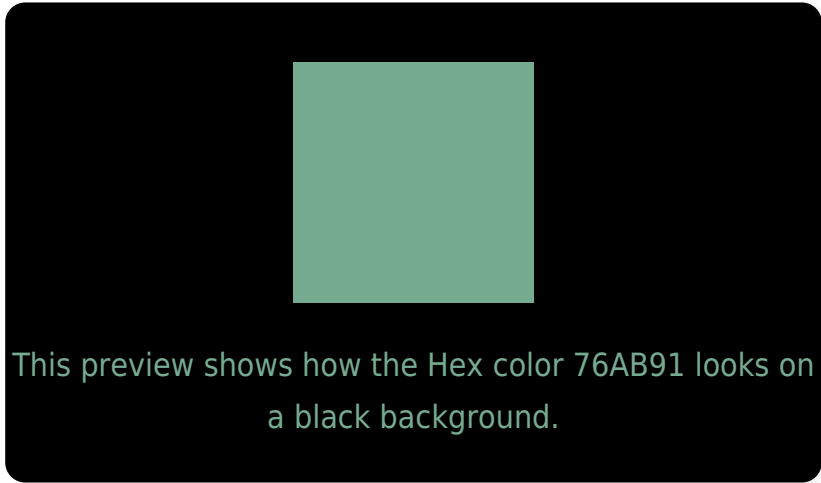
Large Text (above 18pt) WCAG AA × Fail

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

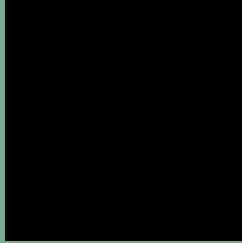
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 76AB91 Background



This preview shows how black text looks on a background with the Hex color 76AB91.



This preview shows how white text looks on a background with the Hex color 76AB91.

# 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](#).

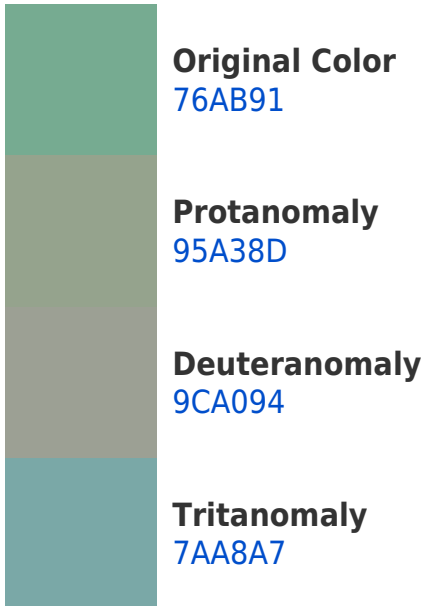
## Dichromacy





**Tritanopia**  
7DA6B3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 76AB91 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 #76AB91 looks like.

```
.text, #text, p{  
    color:#76AB91  
}
```

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 #76AB91 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76AB91
}
```

## Border

The CSS property to change the border of an element to Hex 76AB91 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
#76AB91 }
```

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

```
.border{ border-color:#76AB91 }
```

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

Here you see how a box with a 4 pixel #76AB91 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76AB91; -webkit-box-shadow:4px 4px  
4px 4px #76AB91; box-shadow:4px 4px 4px  
4px #76AB91 }
```

# Background

The CSS property to change the background color of an element to Hex 76AB91 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76AB91 }
```

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

```
.background{ background-color:#76AB91 }
```

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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