

# Converting Colors

Hex(76AB86)

Have a look what the booklet for  
Hex(76AB86) contains.

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# **Color**

**Hex(76AB86)**

# Conversions

## Conversions Part 1

Format	Color
Hex	76AB86
RGB	118, 171, 134
RGB Percent	46%, 67%, 53%
CMY	0.5373, 0.3294, 0.4745
CMYK	0.31, 0.00, 0.22, 0.33
HSL	138°, 24%, 57%
HSV	138°, 31%, 67%
XYZ	26.3372, 34.6986, 27.8636
YIQ	150.9350, -19.7110, -22.7430

# Conversions

## Conversions Part 2

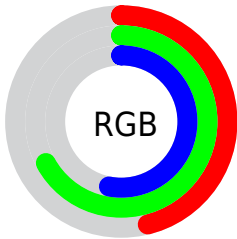
Format	Color
<a href="#">RYB</a>	<a href="#">118, 159, 171</a>
Decimal	<a href="#">7777158</a>
CIELab	<a href="#">65.51, -25.38, 13.56</a>
CIElCh	<a href="#">66, 28.776, 151.877</a>
Yxy	<a href="#">34.6986, 0.2963, 0.3903</a>
Android (android.graphics.Color)	<a href="#">4285967238</a> ( <a href="#">0xFF76AB86</a> )
YUV	<a href="#">150.9350, -8.3490, -28.8840</a>
Hunter-Lab	<a href="#">58.9055, -23.2757, 13.1884</a>

# Details

The Hex color **76AB86** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **AB769B**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **ABE3BB**, and **437654** is the 20% darker color. If you saturate the color by 10%, you get **65AB7A**, and if you desaturate by 10%, it is **87AB92**.

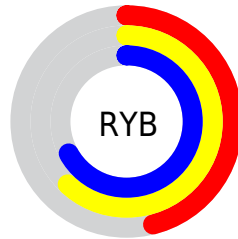
# Distribution



Red (46%)

Green (67%)

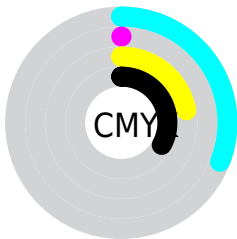
Blue (53%)



Red (46%)

Yellow (62%)

Blue (67%)

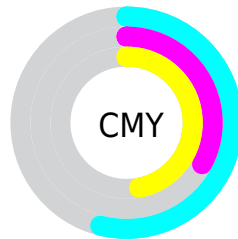


Cyan (31%)

Magenta (0%)

Yellow (22%)

Black (33%)



Cyan (54%)

Magenta (33%)

Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 76AB86 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 76AB86 by changing the saturation by 10% instead.



 76AB86

 76AB86

FFFFFF

 5C906D

 ABE3BB

 437654

 C7FFD7

 2B5D3D

 E4FFF3

 114627

 002F12

 001C00

 000000

 76AB86

 76AB86

 65AB7A

 87AB92

 54AB6E

 98AB9E

 43AB62

 A9ABAA

 32AB56

 BAABB6

 20AB4A

 CBABC2

 0FAB3E

 DDABCE

 00AB34

 EEABDA

 FFABE6

 FFABF1

# Harmonies

## Analogous

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



94A673



76AB86



5AADA0

# Triad

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



76AB86



80A1D2



D18E85

# Complementary

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



76AB86



AB769B

# 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.



D18C9E



76AB86



A598CB

# Square

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



76AB86



5CA8CC



C190B8



C59572

# Rectangle

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



76AB86



4DADB1



C190B8



D38D8D



# Sweetspot

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



76AB86



CADED0



9BAB76



647068



F0F0F0



707070



# Same Dimension

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



76AB86



8CDEA5



76ABA0



4E5751



00962D



001707



# Inverse Universe

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



AB769B



DE8CC5



AB7681



574E54



960069



170010



# Previews

## White Background



This preview shows how the Hex color 76AB86 looks on a white background.

## Color Contrast Check

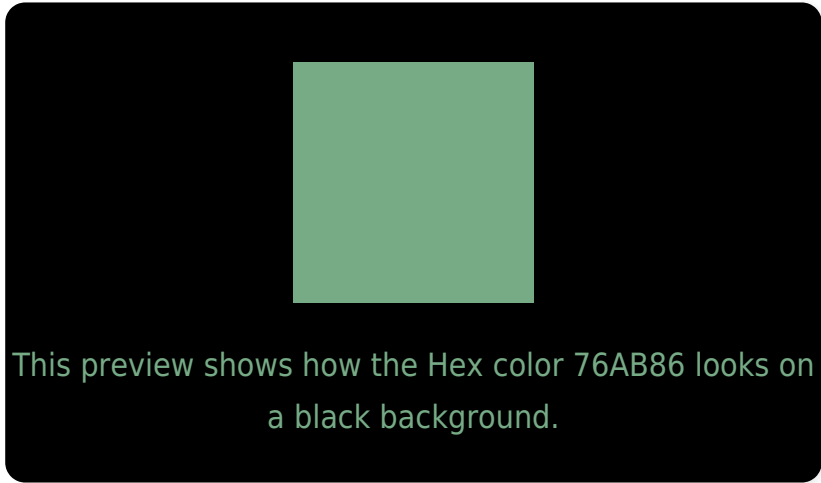
Large Text (above 18pt) WCAG AA × Fail

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

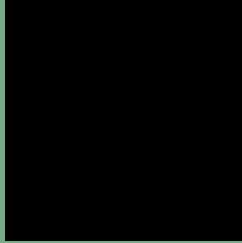
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 76AB86 Background



This preview shows how black text looks on a background with the Hex color 76AB86.



This preview shows how white text looks on a background with the Hex color 76AB86.

# 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](#).

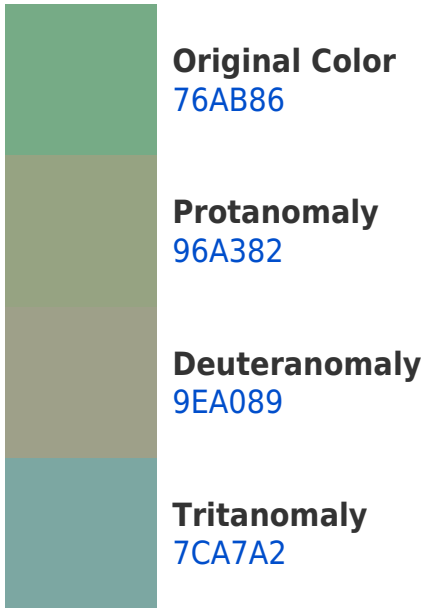
## Dichromacy





**Tritanopia**  
7FA5B2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 76AB86 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 #76AB86 looks like.

```
.text, #text, p{  
    color:#76AB86  
}
```

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 #76AB86 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76AB86
}
```

## Border

The CSS property to change the border of an element to Hex 76AB86 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
#76AB86 }
```

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

```
.border{ border-color:#76AB86 }
```

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

Here you see how a box with a 4 pixel #76AB86 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76AB86; -webkit-box-shadow:4px 4px  
4px 4px #76AB86; box-shadow:4px 4px 4px  
4px #76AB86 }
```

# Background

The CSS property to change the background color of an element to Hex 76AB86 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76AB86 }
```

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

```
.background{ background-color:#76AB86 }
```

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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