

Converting Colors

Hex(76BC94)

Have a look what the booklet for
Hex(76BC94) contains.

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Color

Hex(76BC94)

Conversions

Conversions Part 1

Format	Color
Hex	76BC94
RGB	118, 188, 148
RGB Percent	46%, 74%, 58%
CMY	0.5373, 0.2627, 0.4196
CMYK	0.37, 0.00, 0.21, 0.26
HSL	146°, 34%, 60%
HSV	146°, 37%, 74%
XYZ	30.7997, 41.9561, 34.4920
YIQ	162.5100, -28.8800, -27.2800

Conversions

Conversions Part 2

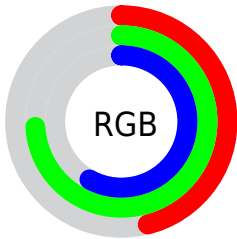
Format	Color
RYB	118, 167, 188
Decimal	7781524
CIELab	70.84, -30.88, 13.39
CIELCh	71, 33.659, 156.563
Yxy	41.9561, 0.2872, 0.3912
Android (android.graphics.Color)	4285971604 (0xFF76BC94)
YUV	162.5100, -7.1534, -39.0353
Hunter-Lab	64.7735, -28.4772, 13.7695

Details

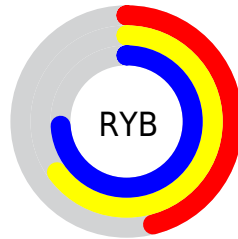
The Hex color **76BC94** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **BC769E**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **ACF5CA**, and **418661** is the 20% darker color. If you saturate the color by 10%, you get **63BC89**, and if you desaturate by 10%, it is **89BC9F**.

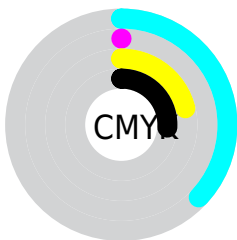
Distribution



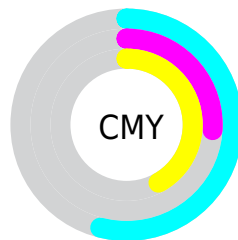
- Red (46%)
- Green (74%)
- Blue (58%)



- Red (46%)
- Yellow (65%)
- Blue (74%)



- Cyan (37%)
- Magenta (0%)
- Yellow (21%)
- Black (26%)



- Cyan (54%)
- Magenta (26%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 76BC94 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 76BC94 by changing the saturation by 10% instead.



76BC94



76BC94

FFFFFF



5CA17A



ACF5CA



418661



C9FFE6



276D49



E5FFFF



045433



003C1D



002605



000600



000000



76BC94



76BC94

 63BC89

 89BC9F

 50BC7F

 9CBCA9

 3EBC74

 AEBCB4

 2BBC69

 C1BCBF

 18BC5E

 D4BCCA

 05BC54

 E7BCD4

 00BC51

 FABCDF

 FFBCFA

 FFBCF5

Harmonies

Analogous

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



9AB67B



76BC94



52BEB3

Triad

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



76BC94



8EAEEA



E79A8A

Complementary

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



76BC94



BC769E

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.



E996A8



76BC94



BAA3DF

Square

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



76BC94



5FB7E5



DA9AC6



D7A376

Rectangle

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



76BC94



43BDC8



DA9AC6



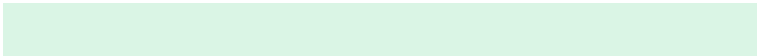
EA9893

Sweetspot

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



76BC94



DAF5E5



9FBC76



6A7A71



FAFAFA



7A7A7A

Same Dimension

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



76BC94



87F5B6



76BCB6



555E59



009E44



001F0D

Inverse Universe

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



BC769E



F587C6



BC767C



5E555A



9E005A



1F0011

Previews

White Background



This preview shows how the Hex color 76BC94 looks on a white background.

Color Contrast Check

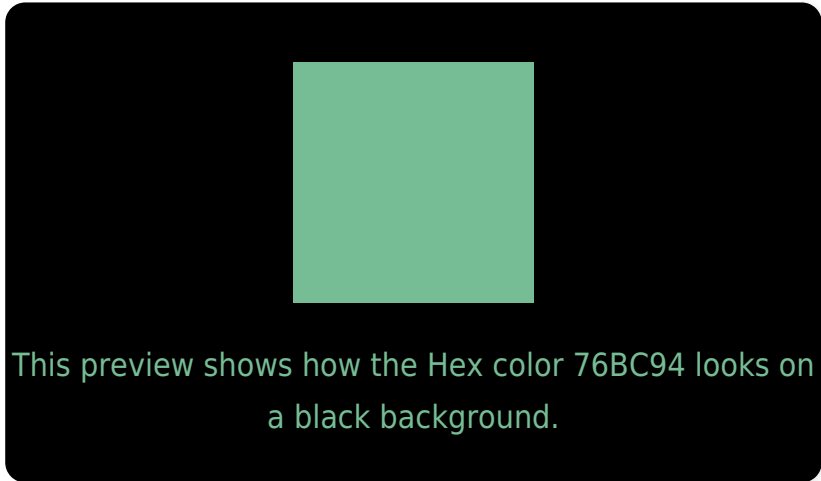
Large Text (above 18pt) WCAG AA × Fail

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 76BC94 Background



This preview shows how black text looks on a background with the Hex color 76BC94.



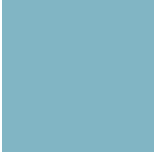
This preview shows how white text looks on a background with the Hex color 76BC94.

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](#).

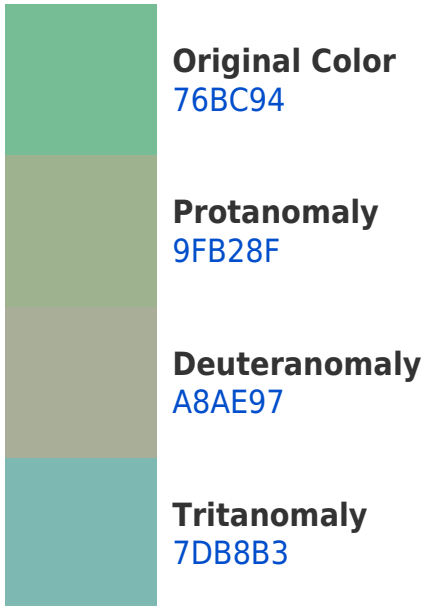
Dichromacy





Tritanopia
81B5C4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 76BC94 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 #76BC94 looks like.

```
.text, #text, p{  
    color:#76BC94  
}
```

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 #76BC94 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76BC94
}
```

Border

The CSS property to change the border of an element to Hex 76BC94 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
#76BC94 }
```

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

```
.border{ border-color:#76BC94 }
```

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

Here you see how a box with a 4 pixel #76BC94 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76BC94; -webkit-box-shadow:4px 4px  
4px 4px #76BC94; box-shadow:4px 4px 4px  
4px #76BC94 }
```

Background

The CSS property to change the background color of an element to Hex 76BC94 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76BC94 }
```

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

```
.background{ background-color:#76BC94 }
```

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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