

Converting Colors

Hex(7BAF94)

Have a look what the booklet for
Hex(7BAF94) contains.

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Color

Hex(7BAF94)

Conversions

Conversions Part 1

Format	Color
Hex	7BAF94
RGB	123, 175, 148
RGB Percent	48%, 69%, 58%
CMY	0.5176, 0.3137, 0.4196
CMYK	0.30, 0.00, 0.15, 0.31
HSL	149°, 25%, 58%
HSV	149°, 30%, 69%
XYZ	28.8436, 37.0090, 33.6402
YIQ	156.3740, -22.3250, -19.4210

Conversions

Conversions Part 2

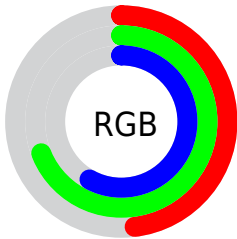
Format	Color
RYB	123, 158, 175
Decimal	8105876
CIELab	67.28, -22.98, 8.39
CIElCh	67, 24.463, 159.951
Yxy	37.0090, 0.2899, 0.3720
Android (android.graphics.Color)	4286295956 (0xFF7BAF94)
YUV	156.3740, -4.1284, -29.2690
Hunter-Lab	60.8350, -21.8293, 9.7987

Details

The Hex color **7BAF94** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **AF7B96**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **B1E7CA**, and **487A61** is the 20% darker color. If you saturate the color by 10%, you get **6AAF8B**, and if you desaturate by 10%, it is **8CAF9D**.

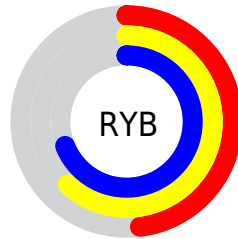
Distribution



Red (48%)

Green (69%)

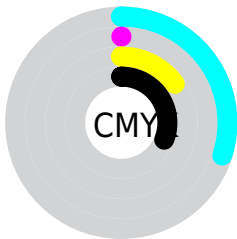
Blue (58%)



Red (48%)

Yellow (62%)

Blue (69%)

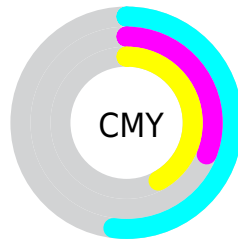


Cyan (30%)

Magenta (0%)

Yellow (15%)

Black (31%)



Cyan (52%)

Magenta (31%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7BAF94 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 7BAF94 by changing the saturation by 10% instead.



7BAF94



7BAF94

FFFFFF



61947A



B1E7CA



487A61



CDFFE6



30614A



E9FFFF



164933



00321E



001E05



000000



7BAF94



7BAF94



6AAF8B



8CAF9D

 58AF82

 9EAF6

 46AF79

 B0AFAF

 35AF70

 C1AFB8

 23AF67

 D3AFC1

 12AF5D

 E4AFCB

 00AF54

 F6AFD4

 FFAFDD

 FFAFE6

Harmonies

Analogous

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



94AB82



7BAF94



68B0AB

Triad

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



7BAF94



93A3CF



CE9789

Complementary

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



7BAF94



AF7B96

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.



D0949D



7BAF94



B19CC6

Square

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



7BAF94



75AACD



C696B3



C19D7B

Rectangle

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



7BAF94



63B0B9



C696B3



D0958F

Sweetspot

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



7BAF94



CFE3D8



97AF7B



66736C



F2F2F2



737373

Same Dimension

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



7BAF94



91E3B9



7BAFAD



4E5752



009648



00170B

Inverse Universe

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



AF7B96



E391BC



AF7B7D



574E53



96004E



17000C

Previews

White Background



This preview shows how the Hex color 7BAF94 looks on a white background.

Color Contrast Check

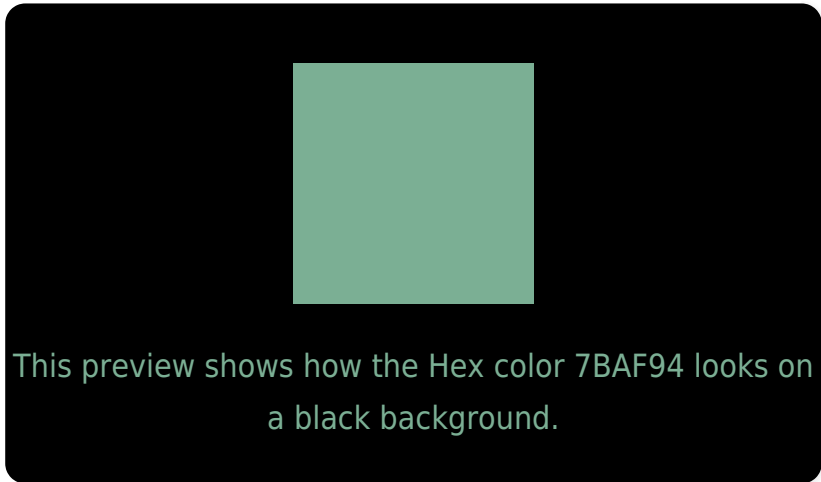
Large Text (above 18pt) WCAG AA × Fail

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

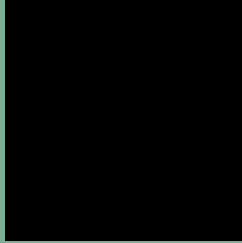
Any Text WCAG AA ✓ Pass

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 7BAF94 Background



This preview shows how black text looks on a background with the Hex color 7BAF94.

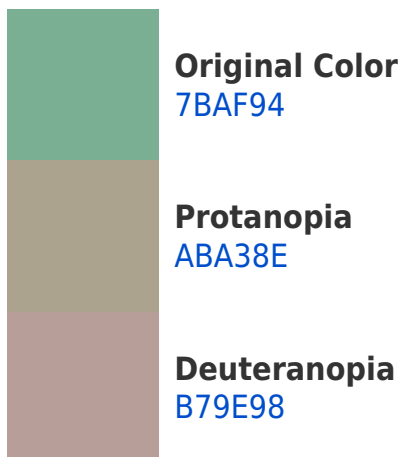


This preview shows how white text looks on a background with the Hex color 7BAF94.

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](#).

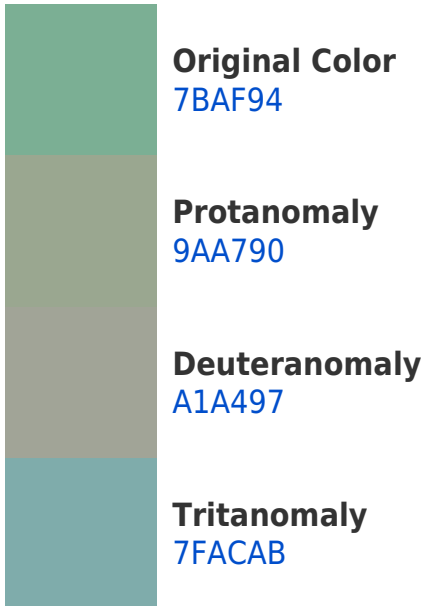
Dichromacy



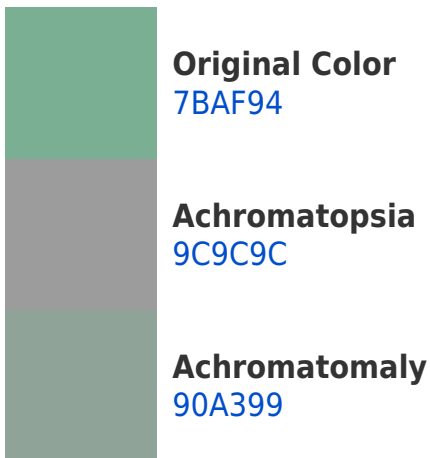


Tritanopia
82AAB8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7BAF94 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 #7BAF94 looks like.

```
.text, #text, p{  
    color:#7BAF94  
}
```

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 #7BAF94 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7BAF94  
}
```

Border

The CSS property to change the border of an element to Hex 7BAF94 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  
#7BAF94 }
```

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

```
.border{ border-color:#7BAF94 }
```

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

Here you see how a box with a 4 pixel #7BAF94 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7BAF94; -webkit-box-shadow:4px 4px  
4px 4px #7BAF94; box-shadow:4px 4px 4px  
4px #7BAF94 }
```

Background

The CSS property to change the background color of an element to Hex 7BAF94 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7BAF94 }
```

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

```
.background{ background-color:#7BAF94 }
```

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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