

Converting Colors

Hex(90B6A1)

Have a look what the booklet for
Hex(90B6A1) contains.

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Color

Hex(90B6A1)

Conversions

Conversions Part 1

Format	Color
Hex	90B6A1
RGB	144, 182, 161
RGB Percent	56%, 71%, 63%
CMY	0.4353, 0.2863, 0.3686
CMYK	0.21, 0.00, 0.12, 0.29
HSL	147°, 21%, 64%
HSV	147°, 21%, 71%
XYZ	34.6626, 41.9584, 39.9901
YIQ	168.2440, -15.9070, -14.5870

Conversions

Conversions Part 2

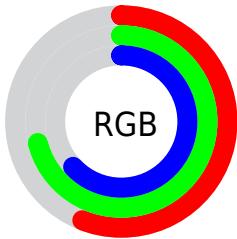
Format	Color
RYB	144, 170, 182
Decimal	9483937
CIELab	70.84, -17.09, 6.50
CIELCh	71, 18.287, 159.179
Yxy	41.9584, 0.2972, 0.3598
Android (android.graphics.Color)	4287674017 (0xFF90B6A1)
YUV	168.2440, -3.5713, -21.2620
Hunter-Lab	64.7753, -17.8378, 8.7391

Details

The Hex color **90B6A1** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **B690A5**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **C6EED8**, and **5D816D** is the 20% darker color. If you saturate the color by 10%, you get **7EB697**, and if you desaturate by 10%, it is **A2B6AB**.

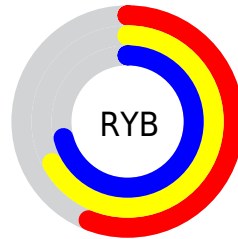
Distribution



Red (56%)

Green (71%)

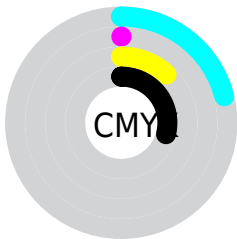
Blue (63%)



Red (56%)

Yellow (67%)

Blue (71%)

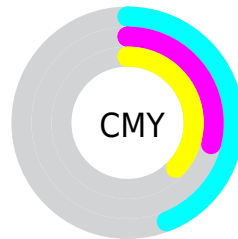


Cyan (21%)

Magenta (0%)

Yellow (12%)

Black (29%)



Cyan (44%)

Magenta (29%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 90B6A1 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 90B6A1 by changing the saturation by 10% instead.



90B6A1



90B6A1

FFFFFF



769B87



C6EED8



5D816D



E2FFF4



456855



2D503E



163828



002314



000600



000000



90B6A1



90B6A1

 7EB697

 A2B6AB

 6CB68D

 B4B6B5

 59B683

 C7B6BF

 47B679


 D9B6C9

 35B66F

 EBB6D3

 23B665

 FDB6DD

 11B65B

 FFB6E7

 00B651

 FFB6F1

 FFB6FC

Harmonies

Analogous

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



A2B393



90B6A1



83B7B2

Triad

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



90B6A1



A1ADCE



CFA499

Complementary

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



90B6A1



B690A5

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.



D0A2A9



90B6A1



B7A7C7

Square

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



90B6A1



8DB2CC



C7A3BA



C5A88F

Rectangle

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



90B6A1



81B6BD



C7A3BA



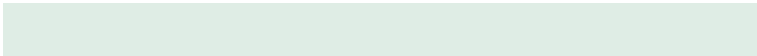
D0A39E

Sweetspot

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



90B6A1



DFEDE5



A6B690



6F7873



F7F7F7



787878

Same Dimension

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



90B6A1



B2EDCC



90B6B3



535C57



009C46



001C0D

Inverse Universe

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



B690A5



EDB2D3



B69093



5C5358



9C0056



1C0010

Previews

White Background



This preview shows how the Hex color 90B6A1 looks on a white background.

Color Contrast Check

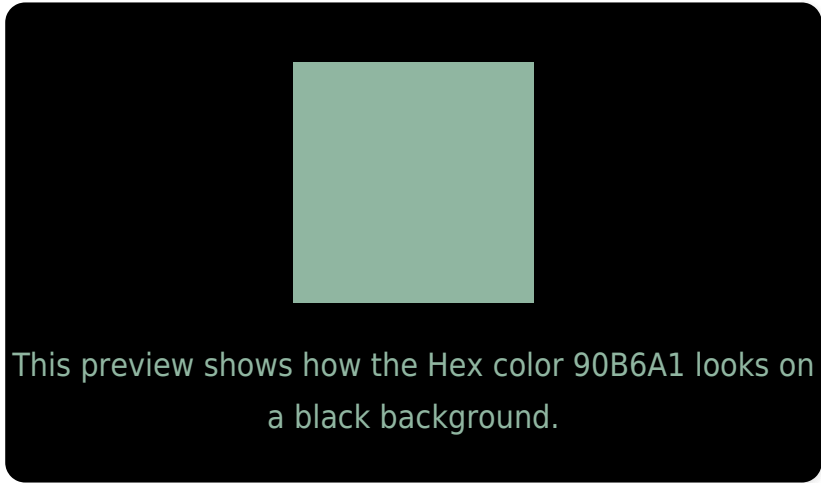
Large Text (above 18pt) WCAG AA × Fail

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

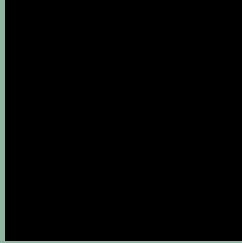
Any Text WCAG AA ✓ Pass

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 90B6A1 Background



This preview shows how black text looks on a background with the Hex color 90B6A1.

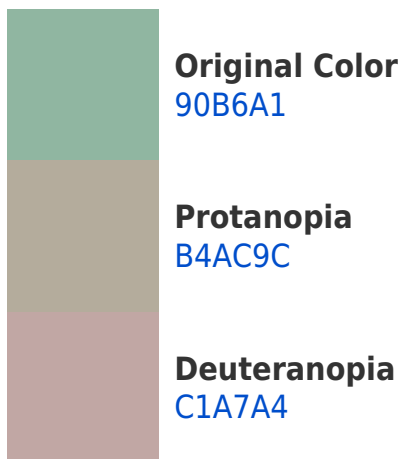


This preview shows how white text looks on a background with the Hex color 90B6A1.

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](#).

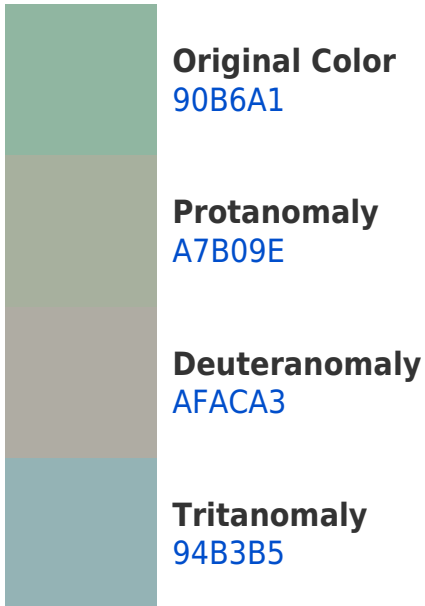
Dichromacy



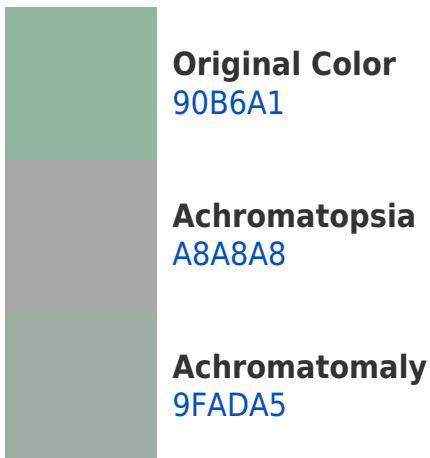


Tritanopia
96B2C0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 90B6A1 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 #90B6A1 looks like.

```
.text, #text, p{  
    color:#90B6A1  
}
```

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 #90B6A1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #90B6A1
}
```

Border

The CSS property to change the border of an element to Hex 90B6A1 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
#90B6A1 }
```

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

```
.border{ border-color:#90B6A1 }
```

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

Here you see how a box with a 4 pixel #90B6A1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #90B6A1; -webkit-box-shadow:4px 4px  
4px 4px #90B6A1; box-shadow:4px 4px 4px  
4px #90B6A1 }
```

Background

The CSS property to change the background color of an element to Hex 90B6A1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#90B6A1 }
```

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

```
.background{ background-color:#90B6A1 }
```

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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