

# Converting Colors

Hex(90AEBD)

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

<b>Hex(90AEBD)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(90AEBD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	90AEBD
RGB	144, 174, 189
RGB Percent	56%, 68%, 74%
CMY	0.4353, 0.3176, 0.2588
CMYK	0.24, 0.08, 0.00, 0.26
HSL	200°, 25%, 65%
HSV	200°, 24%, 74%
XYZ	35.8230, 39.8755, 53.9528
YIQ	166.7400, -22.6950, -1.6950

# Conversions

## Conversions Part 2

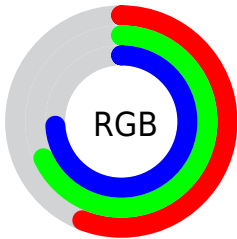
Format	Color
<a href="#">RYB</a>	<a href="#">144, 162, 189</a>
Decimal	<a href="#">9481917</a>
CIELab	<a href="#">69.38, -6.85, -11.06</a>
CIElCh	<a href="#">69, 13.006, 238.213</a>
Yxy	<a href="#">39.8755, 0.2763, 0.3076</a>
Android (android.graphics.Color)	<a href="#">4287671997 (0xFF90AEBD)</a>
YUV	<a href="#">166.7400, 10.9742, -19.9430</a>
Hunter-Lab	<a href="#">63.1471, -9.2454, -6.4544</a>

# Details

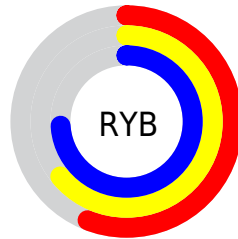
The Hex color **90AEBD** is a light color, and the websafe version is hex **999999**. A complement of this color would be **BD9F90**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **C6E5F5**, and **5D7A88** is the 20% darker color. If you saturate the color by 10%, you get **7DA8BD**, and if you desaturate by 10%, it is **A3B4BD**.

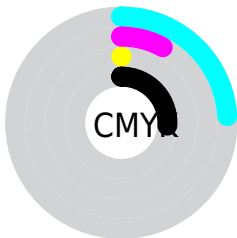
# Distribution



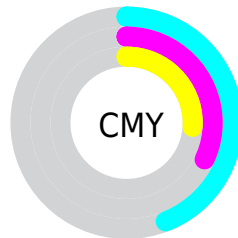
- Red (56%)
- Green (68%)
- Blue (74%)



- Red (56%)
- Yellow (64%)
- Blue (74%)



- Cyan (24%)
- Magenta (8%)
- Yellow (0%)
- Black (26%)



- Cyan (44%)
- Magenta (32%)
- Yellow (26%)

# Brightness & Saturation Gradients

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



■ 90AEBD

■ 90AEBD

FFFFFF

■ 7693A2

■ C6E5F5

■ 5D7A88

■ E3FFFF

■ 44616E

■ 2C4956

■ 14333F

■ 001E29

■ 000115

■ 000000

■ 90AEBD

■ 90AEBD

7DA8BD

A3B4BD

6AA1BD

B6BBBD

579BBBD

C9C1BD

4495BD

DCC7BD

318EBD

EFCEBD

1F88BD

FFD4BD

0C82BD

FFDABD

007EBD

FFE0BD

FFE7BD

# Harmonies

## Analogous

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



8BB0B4



90AEBD



9CABC1

# Triad

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



90AEBD



C1A1AB



A7AC95

# Complementary

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



90AEBD



BD9F90

# 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.



B4A892



90AEBD



C3A29F

# Square

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



90AEBD



B8A3B6



BEA596



99AF9D

# Rectangle

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



90AEBD



A6A8C0



BEA596



ABAB93

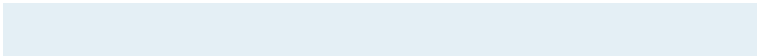


# Sweetspot

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



90AEBD



E4EFF5



90BD9F



71777A



FAFAFA



7A7A7A



# Same Dimension

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



90AEBD



AEDDF5



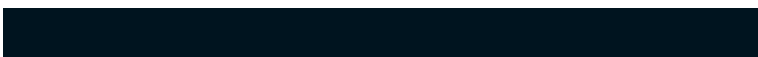
9098BD



555B5E



00699E



00141F



# Inverse Universe

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



BD90AE



F5AEDD



BDB690



5E555B



9E0069



1F0014



# Previews

## White Background



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

## Color Contrast Check

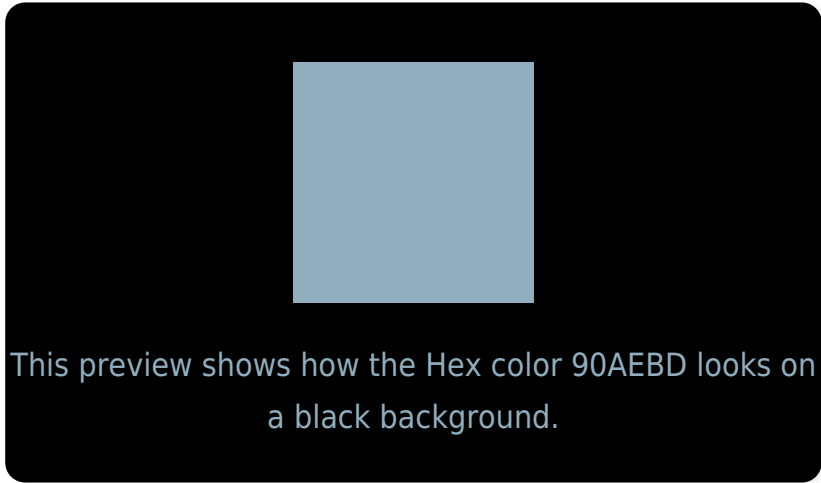
Large Text (above 18pt) WCAG AA × Fail

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

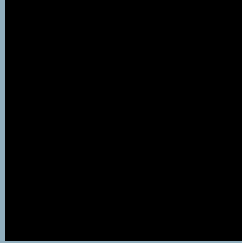
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

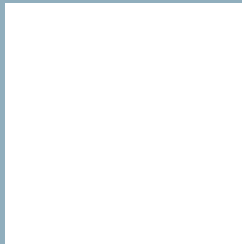
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 90AEBD Background



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

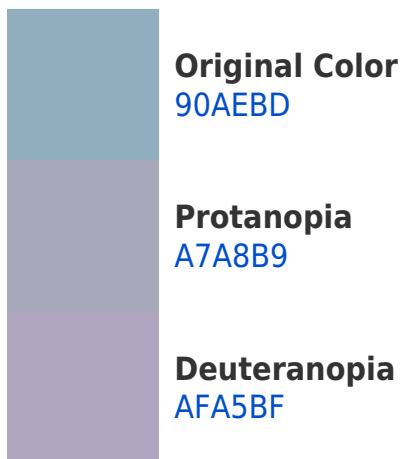


This preview shows how white text looks on a background with the Hex color 90AEBD.

# 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](#).

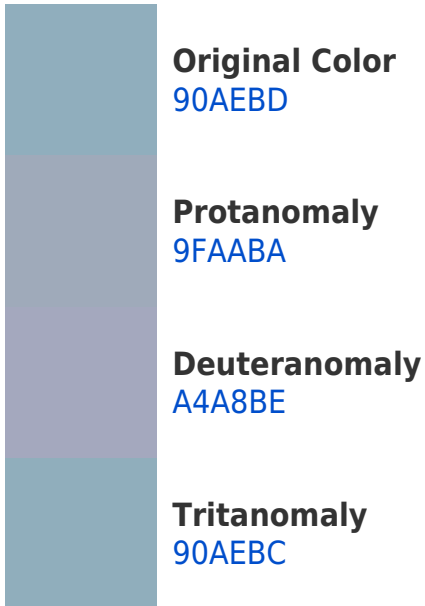
## Dichromacy



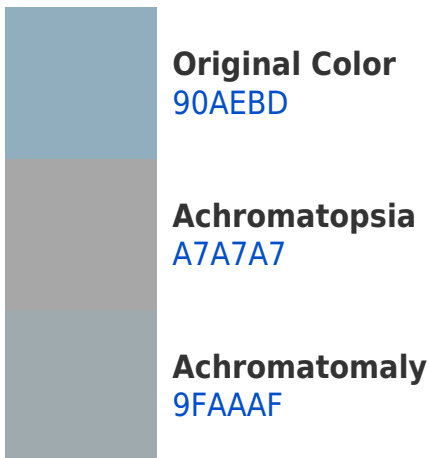


**Tritanopia**  
90AEB3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #90AEBD colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor