

# Converting Colors

Hex(94CEBA)

Have a look what the booklet for  
Hex(94CEBA) contains.

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# **Color**

**Hex(94CEBA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	94CEBA
RGB	148, 206, 186
RGB Percent	58%, 81%, 73%
CMY	0.4196, 0.1922, 0.2706
CMYK	0.28, 0.00, 0.10, 0.19
HSL	159°, 37%, 69%
HSV	159°, 28%, 81%
XYZ	43.1470, 53.9837, 54.6002
YIQ	186.3780, -28.1480, -18.5160

# Conversions

## Conversions Part 2

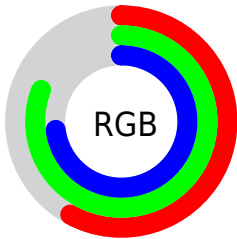
Format	Color
<a href="#">RYB</a>	<a href="#">148, 183, 206</a>
Decimal	<a href="#">9752250</a>
CIELab	<a href="#">78.45, -22.85, 3.95</a>
CIELCh	<a href="#">78, 23.188, 170.181</a>
Yxy	<a href="#">53.9837, 0.2844, 0.3558</a>
Android (android.graphics.Color)	<a href="#">4287942330 (0xFF94CEBA)</a>
YUV	<a href="#">186.3780, -0.1864, -33.6575</a>
Hunter-Lab	<a href="#">73.4736, -23.7556, 7.3715</a>

# Details

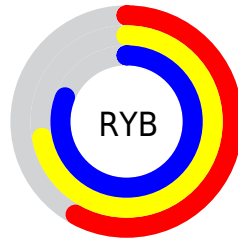
The Hex color **94CEBA** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **CE94A8**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **CBFFF2**, and **5F9885** is the 20% darker color. If you saturate the color by 10%, you get **7FCEB3**, and if you desaturate by 10%, it is **A9CEC1**.

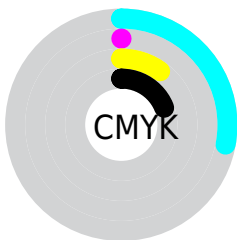
# Distribution



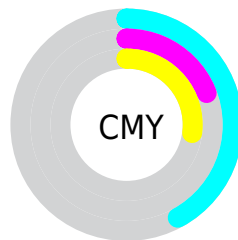
- Red (58%)
- Green (81%)
- Blue (73%)



- Red (58%)
- Yellow (72%)
- Blue (81%)



- Cyan (28%)
- Magenta (0%)
- Yellow (10%)
- Black (19%)



- Cyan (42%)
- Magenta (19%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 94CEBA 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 94CEBA by changing the saturation by 10% instead.



 94CEBA

 94CEBA

FFFFFF

 79B29F

 CBFFF2

 5F9885

 E8FFFF

 467D6C

 2D6453

 124C3C

 003527

 002012

 000000

 94CEBA

 94CEBA

 7FCEB3

 A9CEC1

 6BCEAC

 BDCEC8

 56CEA5

 D2CECF

 42CE9E

 E6CED6

 2DCE96

 FBCEDE

 18CE8F

 FFCEE5

 04CE88

 FFCEEC

 00CE87

 FFCEF3

 FFCEFA

# Harmonies

## Analogous

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



AACBA6



94CEBA



87CED0

# Triad

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



94CEBA



BDBFEA



E9B7A2

# Complementary

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



94CEBA



CE94A8

# 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.



EFB3B4



94CEBA



D7B8DE

# Square

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



94CEBA



A0C6EC



E9B3CA



D9BE98

# Rectangle

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



94CEBA



87CDDD



E9B3CA



ECB6A7



# Sweetspot

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



94CEBA



EBFFF8



A8CE94



73807B



000000



808080

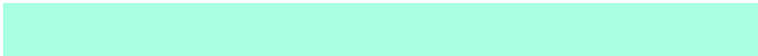


# Same Dimension

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



94CEBA



A8FFE1



94C5CE



5C6662



00A66D



002619



# Inverse Universe

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



CE94A8



FFA8C6



CE9D94



665C5F



A60039



26000D



# Previews

## White Background



This preview shows how the Hex color 94CEBA looks on a white background.

## Color Contrast Check

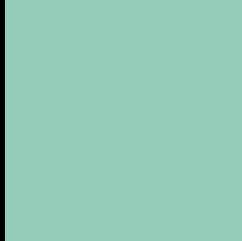
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 94CEBA looks on a 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

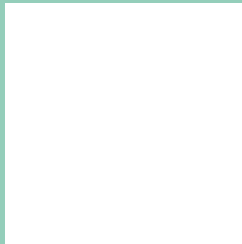
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 94CEBA Background



This preview shows how black text looks on a background with the Hex color 94CEBA.

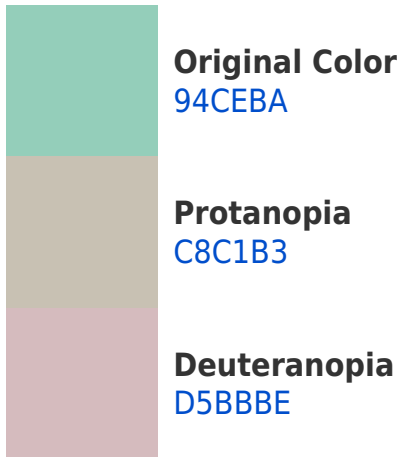


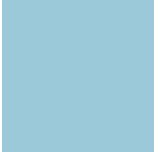
This preview shows how white text looks on a background with the Hex color 94CEBA.

# 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**  
9BC9DA

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 94CEBA 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 #94CEBA looks like.

```
.text, #text, p{  
    color:#94CEBA  
}
```

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 #94CEBA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #94CEBA
}
```

## Border

The CSS property to change the border of an element to Hex 94CEBA 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
#94CEBA }
```

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

```
.border{ border-color:#94CEBA }
```

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

Here you see how a box with a 4 pixel #94CEBA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #94CEBA; -webkit-box-shadow:4px 4px  
4px 4px #94CEBA; box-shadow:4px 4px 4px  
4px #94CEBA }
```

# Background

The CSS property to change the background color of an element to Hex 94CEBA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#94CEBA }
```

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

```
.background{ background-color:#94CEBA }
```

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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