

# Converting Colors

Hex(93CEBE)

Have a look what the booklet for  
Hex(93CEBE) contains.

<b>Hex(93CEBE)</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(93CEBE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	93CEBE
RGB	147, 206, 190
RGB Percent	58%, 81%, 75%
CMY	0.4235, 0.1922, 0.2549
CMYK	0.29, 0.00, 0.08, 0.19
HSL	164°, 38%, 69%
HSV	164°, 29%, 81%
XYZ	43.3982, 54.0634, 56.8631
YIQ	186.5350, -30.0280, -17.4840

# Conversions

## Conversions Part 2

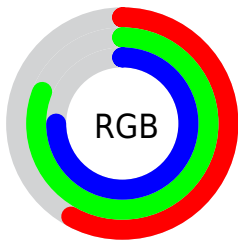
<b>Format</b>	<b>Color</b>
<b>RYB</b>	147, 181, 206
Decimal	9686718
CIELab	78.50, -22.30, 1.87
CIELCh	78, 22.382, 175.210
Yxy	54.0634, 0.2812, 0.3503
Android (android.graphics.Color)	4287876798 (0xFF93CEBE)
YUV	186.5350, 1.7082, -34.6722
Hunter-Lab	73.5278, -23.3179, 5.6172

# Details

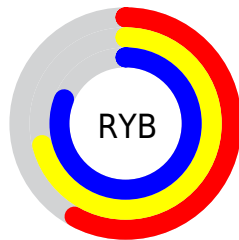
The Hex color **93CEBE** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **CE93A3**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **CAFFF6**, and **5E9889** is the 20% darker color. If you saturate the color by 10%, you get **7ECEB8**, and if you desaturate by 10%, it is **A8CEC4**.

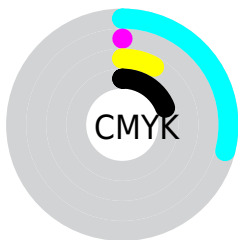
# Distribution



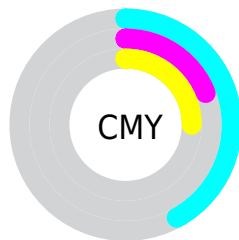
- Red (58%)
- Green (81%)
- Blue (75%)



- Red (58%)
- Yellow (71%)
- Blue (81%)



- Cyan (29%)
- Magenta (0%)
- Yellow (8%)
- Black (19%)



- Cyan (42%)
- Magenta (19%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 93CEBE 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 93CEBE by changing the saturation by 10% instead.



 93CEBE

 93CEBE

FFFFFF

 78B2A3

 CAFFF6

 5E9889

 E7FFFF

 457D6F

 2B6457

 0F4C40

 00352A

 002015

 000000

 93CEBE

 93CEBE

 7ECEB8

 A8CEC4

 6ACEB3

 BCCEC9

 55CEAD

 D1CECF

 41CEA8

 E5CED4

 2CCEA2

 FACEDA

 17CE9C

 FFC EE0

 03CE97

 FFC EE5

 00CE96

 FFC EEB

 FFC EF0

# Harmonies

## Analogous

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



A7CBAA



93CEBE



89CED3

# Triad

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



93CEBE



C2BEE8



E6B9A1

# Complementary

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



93CEBE



CE93A3

# 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.



EDB4B1



93CEBE



DAB7DA

# Square

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



93CEBE



A6C5EB



EAB4C6



D5C099

# Rectangle

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



93CEBE



8BCCDF



EAB4C6



EAB7A6



# Sweetspot

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



93CEBE



E8FFF9



A4CE93



71807C



000000



808080

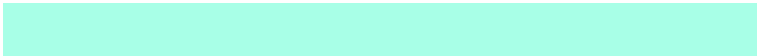


# Same Dimension

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



93CEBE



A8FFE7



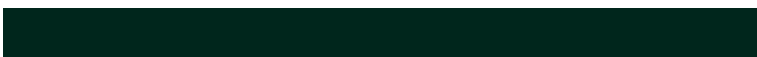
93C1CE



5C6663



00A679



00261C



# Inverse Universe

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



CE93A3



FFA8C0



CEA093



665C5F



A6002D

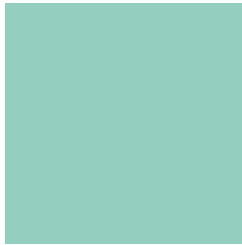


26000A



# Previews

## White Background



This preview shows how the Hex color 93CEBE looks on a white background.

## Color Contrast Check

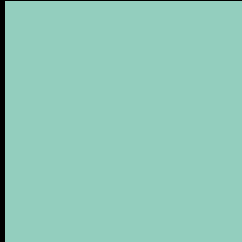
Large Text (above 18pt) WCAG AA × Fail

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 93CEBE looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

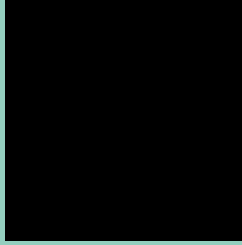
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

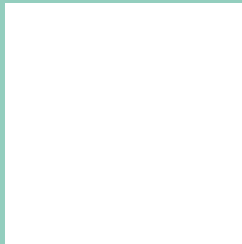
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 93CEBE Background



This preview shows how black text looks on a background with the Hex color 93CEBE.



This preview shows how white text looks on a background with the Hex color 93CEBE.

# 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





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 93CEBE 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 #93CEBE looks like.

```
.text, #text, p{  
    color:#93CEBE  
}
```

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 #93CEBE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #93CEBE
}
```

## Border

The CSS property to change the border of an element to Hex 93CEBE 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
#93CEBE }
```

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

```
.border{ border-color:#93CEBE }
```

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

Here you see how a box with a 4 pixel #93CEBE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #93CEBE; -webkit-box-shadow:4px 4px  
4px 4px #93CEBE; box-shadow:4px 4px 4px  
4px #93CEBE }
```

# Background

The CSS property to change the background color of an element to Hex 93CEBE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#93CEBE }
```

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

```
.background{ background-color:#93CEBE }
```

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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