

# Converting Colors

Hex(93CBD2)

Have a look what the booklet for  
Hex(93CBD2) contains.

<b>Hex(93CBD2)</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(93CBD2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	93CBD2
RGB	147, 203, 210
RGB Percent	58%, 80%, 82%
CMY	0.4235, 0.2039, 0.1765
CMYK	0.30, 0.03, 0.00, 0.18
HSL	187°, 41%, 70%
HSV	187°, 30%, 82%
XYZ	45.0214, 53.5681, 68.9396
YIQ	187.0540, -35.6230, -9.6950

# Conversions

## Conversions Part 2

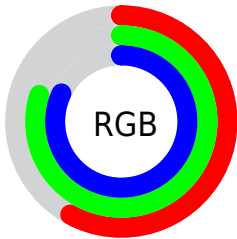
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">147, 177, 210</a>
Decimal	<a href="#">9685970</a>
CIELab	<a href="#">78.21, -16.31, -9.31</a>
CIElCh	<a href="#">78, 18.783, 209.707</a>
Yxy	<a href="#">53.5681, 0.2687, 0.3198</a>
Android (android.graphics.Color)	<a href="#">4287876050 (0xFF93CBD2)</a>
YUV	<a href="#">187.0540, 11.3124, -35.1274</a>
Hunter-Lab	<a href="#">73.1902, -18.2823, -4.6135</a>

# Details

The Hex color **93CBD2** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **D29A93**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **CBFFFF**, and **5E959C** is the 20% darker color. If you saturate the color by 10%, you get **7EC9D2**, and if you desaturate by 10%, it is **A8CDD2**.

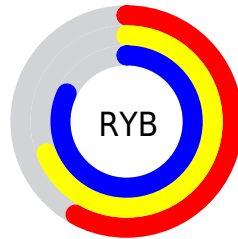
# Distribution



Red (58%)

Green (80%)

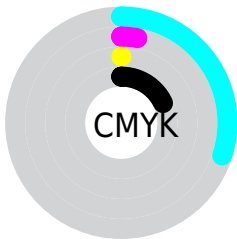
Blue (82%)



Red (58%)

Yellow (69%)

Blue (82%)

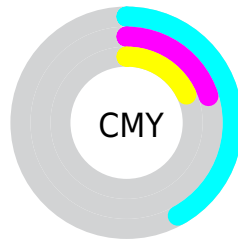


Cyan (30%)

Magenta (3%)

Yellow (0%)

Black (18%)



Cyan (42%)

Magenta (20%)

Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 93CBD2 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 93CBD2 by changing the saturation by 10% instead.



 93CBD2

 93CBD2

FFFFFF

 78B0B6

 CBFFFF

 5E959C

 E7FFFF

 447B82

 296268

 094A50

 003339

 001E24

 00010F

 000000

 93CBD2

 93CBD2

 7EC9D2

 A8CDD2

 69C6D2

 BDD0D2

 54C4D2

 D2D2D2

 3FC2D2

 E7D4D2

 2ABFD2

 FCD7D2

 15BDD2

 FFD9D2

 00BBD2

 FFDBD2

 FFDED2

 FFE0D2

# Harmonies

## Analogous

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



99CCC1



93CBD2



9BC8DF

# Triad

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



93CBD2



D8B8D3



CFC09F

# Complementary

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



93CBD2



D29A93

# 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.



DEBAA4



93CBD2



E4B5C2

# Square

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



93CBD2



C4BDE0



E6B6B1



BCC6A3

# Rectangle

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



93CBD2



A7C5E3



E6B6B1



D5BE9F

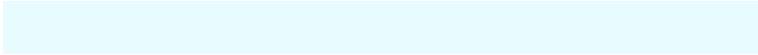


# Sweetspot

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



93CBD2



E8FCFF



93D299



717E80



000000



808080



# Same Dimension

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



93CBD2



A3F5FF



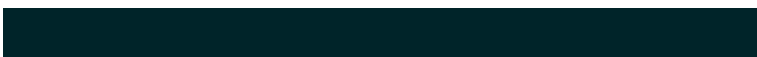
93ACD2



5E6769



0096A8



002429



# Inverse Universe

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



D293CB



FFA3F5



D2B993



695E67



A80096

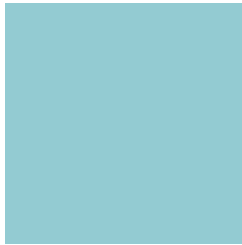


290024



# Previews

## White Background



This preview shows how the Hex color 93CBD2 looks on a white background.

## Color Contrast Check

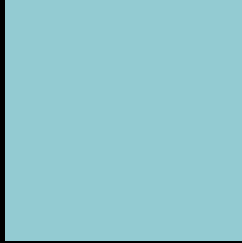
Large Text (above 18pt) WCAG AA × Fail

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 93CBD2 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 93CBD2 Background



This preview shows how black text looks on a background with the Hex color 93CBD2.

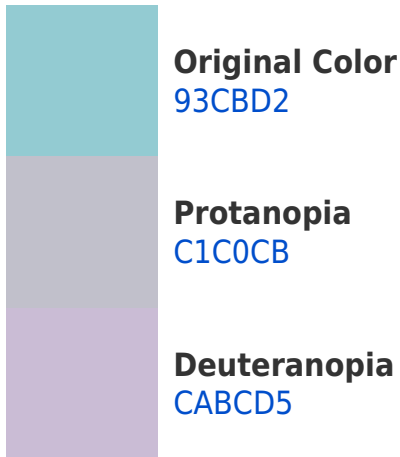


This preview shows how white text looks on a background with the Hex color 93CBD2.

# Color Blindness Simulation

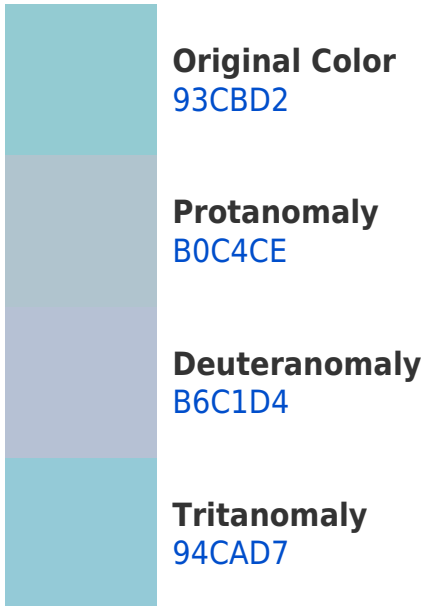
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

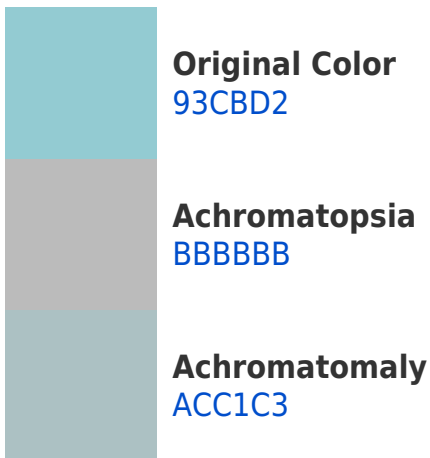




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 93CBD2 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 #93CBD2 looks like.

```
.text, #text, p{  
    color:#93CBD2  
}
```

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 #93CBD2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #93CBD2
}
```

## Border

The CSS property to change the border of an element to Hex 93CBD2 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
#93CBD2 }
```

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

```
.border{ border-color:#93CBD2 }
```

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

Here you see how a box with a 4 pixel #93CBD2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #93CBD2; -webkit-box-shadow:4px 4px  
4px 4px #93CBD2; box-shadow:4px 4px 4px  
4px #93CBD2 }
```

# Background

The CSS property to change the background color of an element to Hex 93CBD2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#93CBD2 }
```

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

```
.background{ background-color:#93CBD2 }
```

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