

Converting Colors

Hex(93CED1)

Have a look what the booklet for
Hex(93CED1) contains.

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Color

Hex(93CED1)

Conversions

Conversions Part 1

Format	Color
Hex	93CED1
RGB	147, 206, 209
RGB Percent	58%, 81%, 82%
CMY	0.4235, 0.1922, 0.1804
CMYK	0.30, 0.01, 0.00, 0.18
HSL	183°, 40%, 70%
HSV	183°, 30%, 82%
XYZ	45.6126, 54.9491, 68.5238
YIQ	188.7010, -36.1270, -11.5750

Conversions

Conversions Part 2

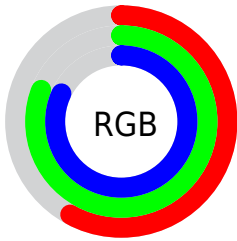
Format	Color
RYB	147, 177, 209
Decimal	9686737
CIELab	79.01, -18.08, -7.58
CIELCh	79, 19.600, 202.745
Yxy	54.9491, 0.2698, 0.3250
Android (android.graphics.Color)	4287876817 (0xFF93CED1)
YUV	188.7010, 10.0074, -36.5718
Hunter-Lab	74.1277, -19.8880, -2.9185

Details

The Hex color **93CED1** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **D19693**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **CBFFFF**, and **5E989B** is the 20% darker color. If you saturate the color by 10%, you get **7ECDD1**, and if you desaturate by 10%, it is **A8CFD1**.

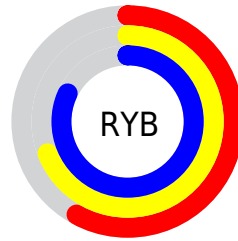
Distribution



Red (58%)

Green (81%)

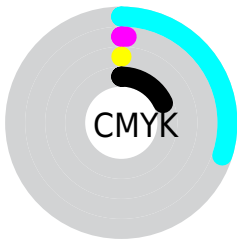
Blue (82%)



Red (58%)

Yellow (69%)

Blue (82%)

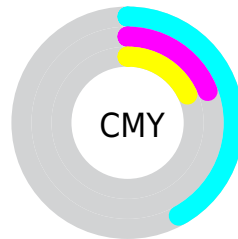


Cyan (30%)

Magenta (1%)

Yellow (0%)

Black (18%)



Cyan (42%)

Magenta (19%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 93CED1 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 93CED1 by changing the saturation by 10% instead.

 93CED1

 93CED1

FFFFFF

 78B2B5

 CBFFFF

 5E989B

 E7FFFF

 447E81

 296468

 084C50

 003539

 002023

 00010E

 000000

■ 93CED1

■ 93CED1

■ 7ECDD1

■ A8CFD1

■ 69CCD1

■ BDD0D1

■ 54CBD1

■ D2D1D1

■ 3FCAD1

■ E7D2D1

■ 2BC9D1

■ FBD3D1

■ 16C8D1

■ FFD4D1

■ 01C7D1

■ FFD5D1

■ 00C7D1

■ FFD6D1

■ FFD7D1

Harmonies

Analogous

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



9CCEBE



93CED1



98CBEO

Triad

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



93CED1



D7BBDA



D6C1A0

Complementary

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



93CED1



D19693

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.



E4BBA7



93CED1



E6B7C9

Square

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



93CED1



C1C0E5



EAB7B6



C3C7A2

Rectangle

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



93CED1



A3C8E6



EAB7B6



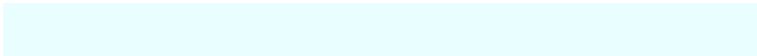
DCBFA1

Sweetspot

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



93CED1



E8FEFF



93D195



717F80



000000



808080

Same Dimension

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



93CED1



A3FBFF



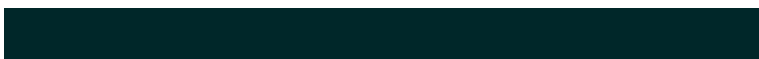
93B0D1



5E6869



00A0A8



002729

Inverse Universe

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



D193CE



FFA3FB



D1B493



695E68



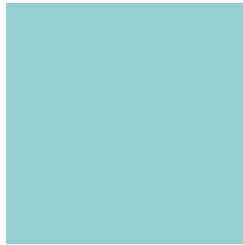
A800A0



290027

Previews

White Background



This preview shows how the Hex color 93CED1 looks on a white background.

Color Contrast Check

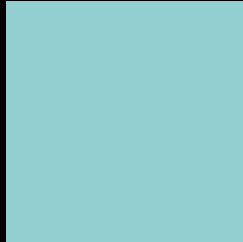
Large Text (above 18pt) WCAG AA × Fail

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 93CED1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

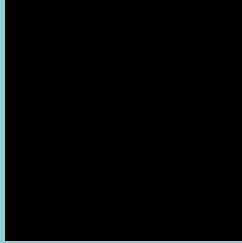
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

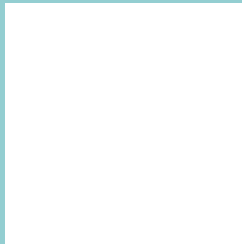
Any Text WCAG AAA ✓ Pass

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

Hex 93CED1 Background



This preview shows how black text looks on a background with the Hex color 93CED1.

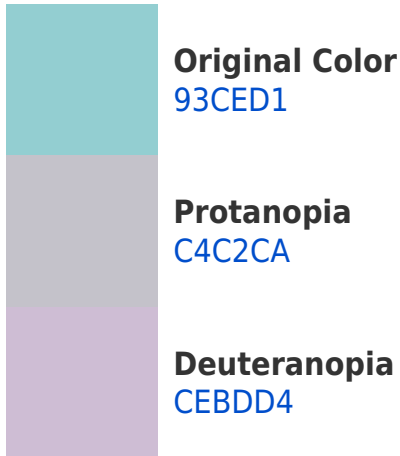


This preview shows how white text looks on a background with the Hex color 93CED1.

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](#).

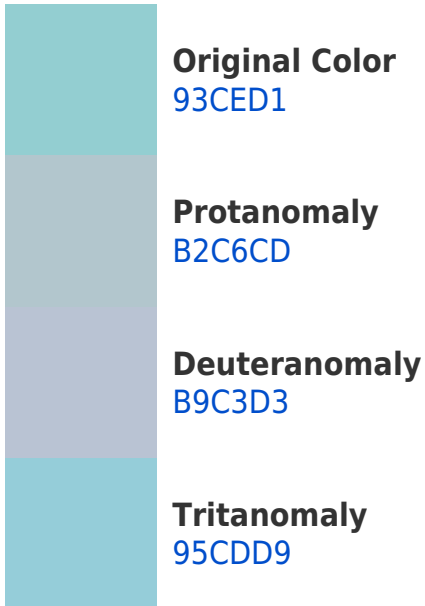
Dichromacy



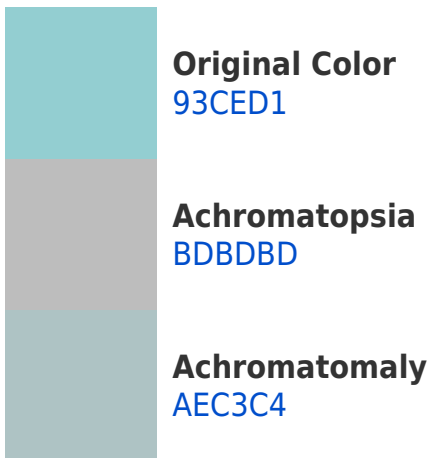


Tritanopia
96CCDD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 93CED1 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 #93CED1 looks like.

```
.text, #text, p{  
    color:#93CED1  
}
```

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 #93CED1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #93CED1  
}
```

Border

The CSS property to change the border of an element to Hex 93CED1 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  
#93CED1 }
```

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

```
.border{ border-color:#93CED1 }
```

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

Here you see how a box with a 4 pixel #93CED1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #93CED1; -webkit-box-shadow:4px 4px  
4px 4px #93CED1; box-shadow:4px 4px 4px  
4px #93CED1 }
```

Background

The CSS property to change the background color of an element to Hex 93CED1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#93CED1 }
```

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

```
.background{ background-color:#93CED1 }
```

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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