

Converting Colors

Hex(93CFD2)

Have a look what the booklet for
Hex(93CFD2) contains.

Hex(93CFD2)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(93CFD2)

Conversions

Conversions Part 1

Format	Color
Hex	93CFD2
RGB	147, 207, 210
RGB Percent	58%, 81%, 82%
CMY	0.4235, 0.1882, 0.1765
CMYK	0.30, 0.01, 0.00, 0.18
HSL	183°, 41%, 70%
HSV	183°, 30%, 82%
XYZ	45.9783, 55.4818, 69.2585
YIQ	189.4020, -36.7230, -11.7870

Conversions

Conversions Part 2

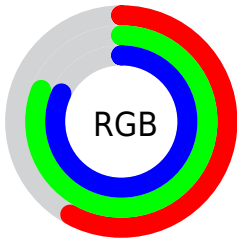
Format	Color
RYB	147, 178, 210
Decimal	9686994
CIELab	79.32, -18.35, -7.66
CIELCh	79, 19.887, 202.658
Yxy	55.4818, 0.2693, 0.3250
Android (android.graphics.Color)	4287877074 (0xFF93CFD2)
YUV	189.4020, 10.1548, -37.1866
Hunter-Lab	74.4861, -20.1674, -2.9886

Details

The Hex color **93CFD2** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **D29693**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **CBFFFF**, and **5E999C** is the 20% darker color. If you saturate the color by 10%, you get **7ECED2**, and if you desaturate by 10%, it is **A8D0D2**.

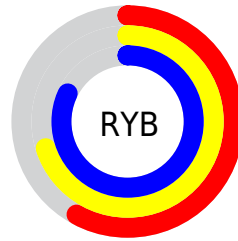
Distribution



Red (58%)

Green (81%)

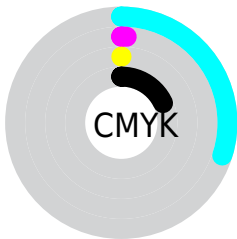
Blue (82%)



Red (58%)

Yellow (70%)

Blue (82%)

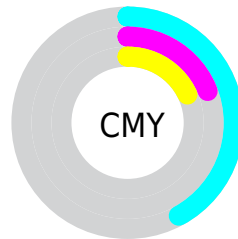


Cyan (30%)

Magenta (1%)

Yellow (0%)

Black (18%)



Cyan (42%)

Magenta (19%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 93CFD2 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 93CFD2 by changing the saturation by 10% instead.

 93CFD2

 93CFD2

FFFFFF

 78B3B6

 CBFFFF

 5E999C

 E7FFFF

 437E82

 296568

 074D50

 003639

 002124

 00010F

 000000

 93CFD2

 93CFD2

 7ECED2

 A8D0D2

 69CDD2

 BDD1D2

 54CCD2

 D2D2D2

 3FCBD2

 E7D3D2

 2ACAD2

 FCD4D2

 15C9D2

 FFD5D2

 00C8D2

 FFD6D2

 FFD7D2

 FFD8D2

Harmonies

Analogous

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



9CCFBF



93CFD2



98CCE1

Triad

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



93CFD2



D8BBDB



D7C2A0

Complementary

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



93CFD2



D29693

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.



E6BCA8



93CFD2



E7B8CA

Square

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



93CFD2



C2C1E6



EBB8B7



C4C8A2

Rectangle

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



93CFD2



A3C9E7



EBB8B7



DDC0A2

Sweetspot

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



93CFD2



E8FEFF



93D295



717F80



000000



808080

Same Dimension

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



93CFD2



A3FBFF



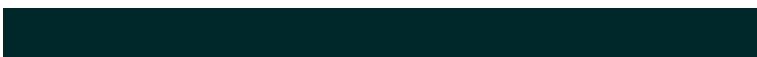
93B0D2



5E6869



00A0A8



002729

Inverse Universe

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



D293CF



FFA3FB



D2B593



695E68



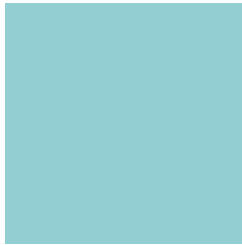
A800A0



290027

Previews

White Background



This preview shows how the Hex color 93CFD2 looks on a white background.

Color Contrast Check

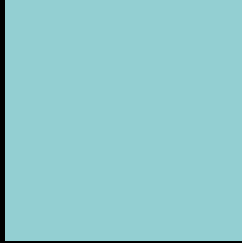
Large Text (above 18pt) WCAG AA × Fail

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 93CFD2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

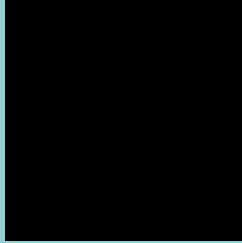
Any Text WCAG AA ✓ Pass

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 93CFD2 Background



This preview shows how black text looks on a background with the Hex color 93CFD2.

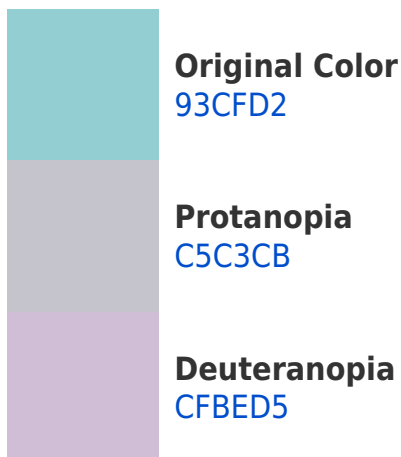


This preview shows how white text looks on a background with the Hex color 93CFD2.

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



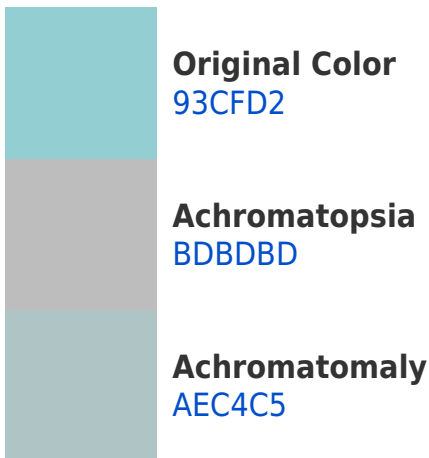


Tritanopia
96CDDE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 93CFD2 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 #93CFD2 looks like.

```
.text, #text, p{  
    color:#93CFD2  
}
```

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 #93CFD2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #93CFD2
}
```

Border

The CSS property to change the border of an element to Hex 93CFD2 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
#93CFD2 }
```

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

```
.border{ border-color:#93CFD2 }
```

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

Here you see how a box with a 4 pixel #93CFD2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #93CFD2; -webkit-box-shadow:4px 4px  
4px 4px #93CFD2; box-shadow:4px 4px 4px  
4px #93CFD2 }
```

Background

The CSS property to change the background color of an element to Hex 93CFD2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#93CFD2 }
```

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

```
.background{ background-color:#93CFD2 }
```

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