

Converting Colors

Hex(91BFD4)

Have a look what the booklet for
Hex(91BFD4) contains.

Hex(91BFD4)	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(91BFD4)

Conversions

Conversions Part 1

Format	Color
Hex	91BFD4
RGB	145, 191, 212
RGB Percent	57%, 75%, 83%
CMY	0.4314, 0.2510, 0.1686
CMYK	0.32, 0.10, 0.00, 0.17
HSL	199°, 44%, 70%
HSV	199°, 32%, 83%
XYZ	42.1915, 48.0348, 69.3353
YIQ	179.6400, -34.1570, -3.2210

Conversions

Conversions Part 2

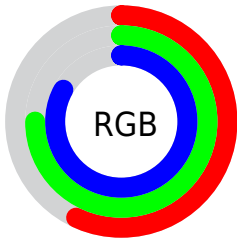
Format	Color
RYB	145, 172, 212
Decimal	9551828
CIELab	74.85, -10.17, -15.43
CIElCh	75, 18.480, 236.629
Yxy	48.0348, 0.2644, 0.3010
Android (android.graphics.Color)	4287741908 (0xFF91BFD4)
YUV	179.6400, 15.9535, -30.3793
Hunter-Lab	69.3072, -12.6236, -10.7990

Details

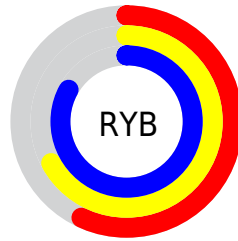
The Hex color **91BFD4** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **D4A691**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **C8F7FF**, and **5C8A9D** is the 20% darker color. If you saturate the color by 10%, you get **7CB8D4**, and if you desaturate by 10%, it is **A6C6D4**.

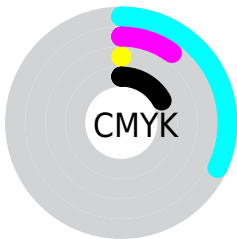
Distribution



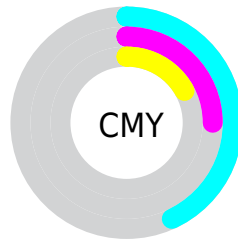
- Red (57%)
- Green (75%)
- Blue (83%)



- Red (57%)
- Yellow (67%)
- Blue (83%)



- Cyan (32%)
- Magenta (10%)
- Yellow (0%)
- Black (17%)



- Cyan (43%)
- Magenta (25%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color 91BFD4 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 91BFD4 by changing the saturation by 10% instead.

 91BFD4

 91BFD4

FFFFFF

 76A4B8

 C8F7FF

 5C8A9D

 E5FFFF

 427083

 28586A

 084052

 002A3B

 001725

 00010F

 000000

■ 91BFD4

■ 91BFD4

■ 7CB8D4

■ A6C6D4

■ 67B2D4

■ BBCCD4

■ 51ABD4

■ D1D3D4

■ 3CA4D4

■ E6DAD4

■ 279ED4

■ FBE0D4

■ 1297D4

■ FFE7D4

■ 0092D4

■ FFEED4

■ FFF4D4

■ FFFBD4

Harmonies

Analogous

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



8BC2C7



91BFD4



A3BADA

Triad

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



91BFD4



D9ADBB



B5BC9A

Complementary

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



91BFD4



D4A691

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.



C8B697



91BFD4



DCADAA

Square

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



91BFD4



CDAFCB



D5B19C



A2C0A5

Rectangle

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



91BFD4



B1B6D9



D5B19C



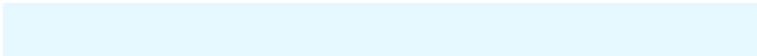
BCBA98

Sweetspot

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



91BFD4



E8F8FF



91D4A5



717B80



000000



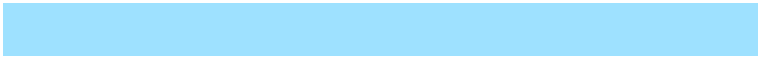
808080

Same Dimension

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



91BFD4



9EE1FF



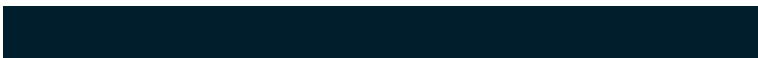
919ED4



60686B



0075AB



001E2B

Inverse Universe

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



D491BF



FF9EE1



D4C791



6B6068



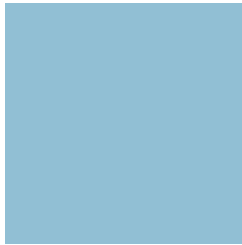
AB0075



2B001E

Previews

White Background



This preview shows how the Hex color 91BFD4 looks on a white background.

Color Contrast Check

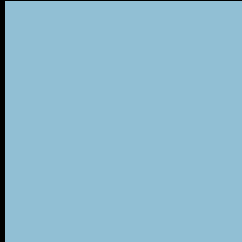
Large Text (above 18pt) WCAG AA × Fail

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 91BFD4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

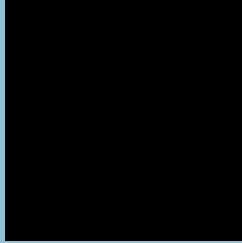
Any Text WCAG AA ✓ Pass

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 91BFD4 Background



This preview shows how black text looks on a background with the Hex color 91BFD4.

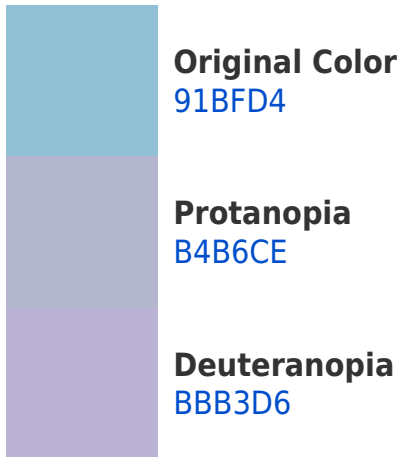


This preview shows how white text looks on a background with the Hex color 91BFD4.

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](#).

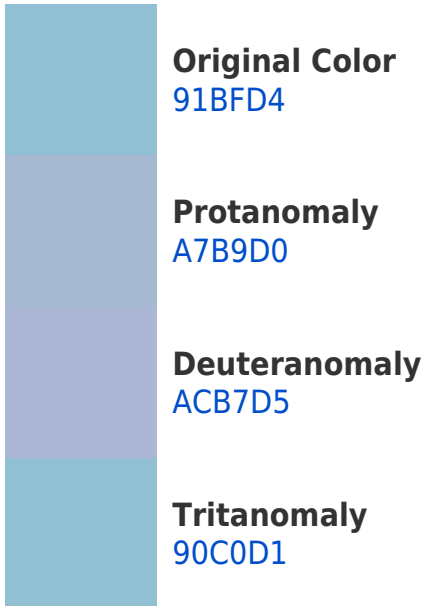
Dichromacy





Tritanopia
90C0CF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 91BFD4 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 #91BFD4 looks like.

```
.text, #text, p{  
    color:#91BFD4  
}
```

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 #91BFD4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #91BFD4
}
```

Border

The CSS property to change the border of an element to Hex 91BFD4 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
#91BFD4 }
```

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

```
.border{ border-color:#91BFD4 }
```

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

Here you see how a box with a 4 pixel #91BFD4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #91BFD4; -webkit-box-shadow:4px 4px  
4px 4px #91BFD4; box-shadow:4px 4px 4px  
4px #91BFD4 }
```

Background

The CSS property to change the background color of an element to Hex 91BFD4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#91BFD4 }
```

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

```
.background{ background-color:#91BFD4 }
```

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