

Converting Colors

Hex(91DAE2)

Have a look what the booklet for
Hex(91DAE2) contains.

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Color

Hex(91DAE2)

Conversions

Conversions Part 1

Format	Color
Hex	91DAE2
RGB	145, 218, 226
RGB Percent	57%, 85%, 89%
CMY	0.4314, 0.1451, 0.1137
CMYK	0.36, 0.04, 0.00, 0.11
HSL	186°, 58%, 73%
HSV	186°, 36%, 89%
XYZ	50.4759, 61.6535, 81.1915
YIQ	197.0850, -46.0760, -12.9880

Conversions

Conversions Part 2

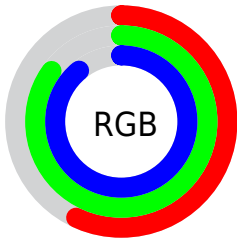
Format	Color
RYB	145, 183, 226
Decimal	9558754
CIELab	82.73, -20.65, -11.14
CIElCh	83, 23.464, 208.344
Yxy	61.6535, 0.2611, 0.3189
Android (android.graphics.Color)	4287748834 (0xFF91DAE2)
YUV	197.0850, 14.2551, -45.6785
Hunter-Lab	78.5198, -22.6620, -6.3436

Details

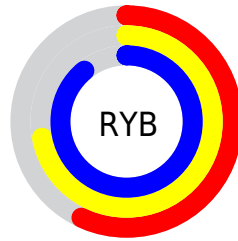
The Hex color **91DAE2** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **E29991**, and the grayscale version is **C5C5C5**.

A 20% lighter version of the original color is **CAFFFF**, and **5AA3AB** is the 20% darker color. If you saturate the color by 10%, you get **7AD8E2**, and if you desaturate by 10%, it is **A8DCE2**.

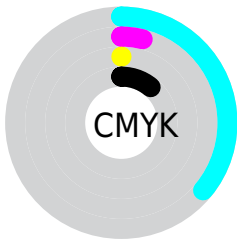
Distribution



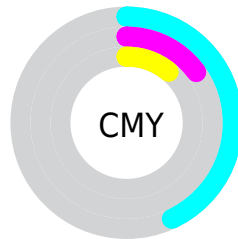
- Red (57%)
- Green (85%)
- Blue (89%)



- Red (57%)
- Yellow (72%)
- Blue (89%)



- Cyan (36%)
- Magenta (4%)
- Yellow (0%)
- Black (11%)



- Cyan (43%)
- Magenta (15%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 91DAE2 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 91DAE2 by changing the saturation by 10% instead.

■ 91DAE2

FFFFFF

■ CAFFFF

■ E7FFFF

■ 91DAE2

■ 75BEC6

■ 5AA3AB

■ 3E8990

■ 1F6F77

■ 00565E

■ 003F46

■ 002830

■ 00121B

■ 000000

■ 91DAE2

■ 91DAE2

■ 7AD8E2

■ A8DCE2

■ 64D6E2

■ BEDEE2

■ 4DD3E2

■ D5E1E2

■ 37D1E2

■ EBE3E2

■ 20CFE2

■ FFE5E2

■ 09CDE2

■ FFE7E2

■ 00CCE2

■ FFEAE2

■ FFECE2

■ FFE EE2

Harmonies

Analogous

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



9ADBCC



91DAE2



9AD6F3

Triad

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



91DAE2



E9C2E5



E0CCA2

Complementary

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



91DAE2



E29991

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.



F2C5A9



91DAE2



F9BED0

Square

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



91DAE2



D0C9F5



FBC0BA



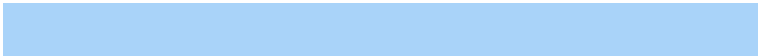
C8D3A7

Rectangle

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



91DAE2



A9D3F9



FBC0BA



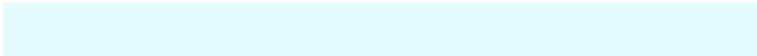
E7CAA3

Sweetspot

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



91DAE2



E3FCFF



91E298



6F7E80



000000



808080

Same Dimension

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



91DAE2



91F4FF



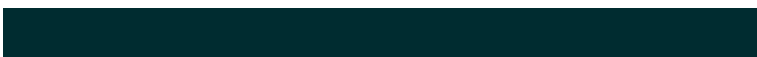
91B3E2



656F70



009FB0



002C30

Inverse Universe

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



E291DA



FF91F4



E2C091



70656F



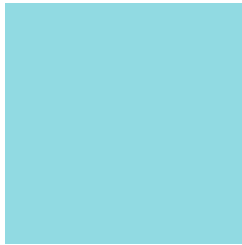
B0009F



30002C

Previews

White Background



This preview shows how the Hex color 91DAE2 looks on a white background.

Color Contrast Check

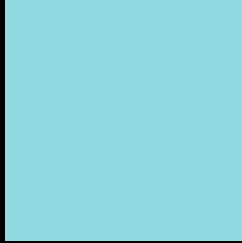
Large Text (above 18pt) WCAG AA × Fail

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 91DAE2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

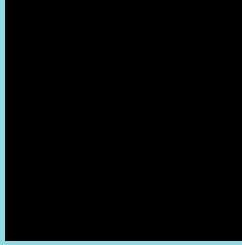
Any Text WCAG AA ✓ Pass

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 91DAE2 Background



This preview shows how black text looks on a background with the Hex color 91DAE2.

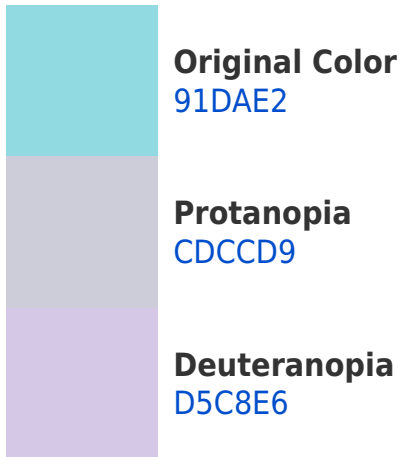


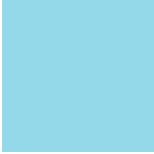
This preview shows how white text looks on a background with the Hex color 91DAE2.

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](#).

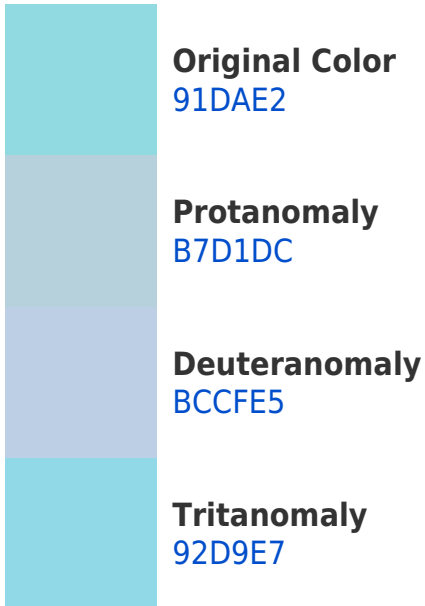
Dichromacy



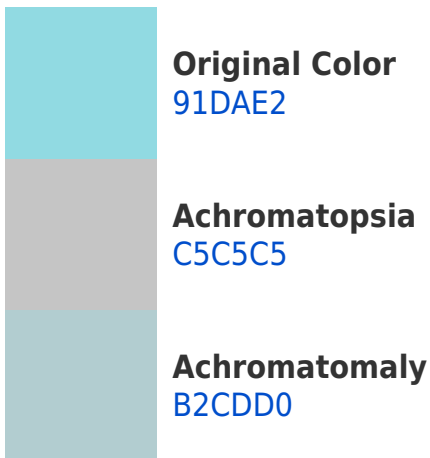


Tritanopia
93D9EA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 91DAE2 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 #91DAE2 looks like.

```
.text, #text, p{  
    color:#91DAE2  
}
```

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 #91DAE2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #91DAE2  
}
```

Border

The CSS property to change the border of an element to Hex 91DAE2 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  
#91DAE2 }
```

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

```
.border{ border-color:#91DAE2 }
```

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

Here you see how a box with a 4 pixel #91DAE2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #91DAE2; -webkit-box-shadow:4px 4px  
4px 4px #91DAE2; box-shadow:4px 4px 4px  
4px #91DAE2 }
```

Background

The CSS property to change the background color of an element to Hex 91DAE2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#91DAE2 }
```

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

```
.background{ background-color:#91DAE2 }
```

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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