

Converting Colors

Hex(91CAEF)

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

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Color

Hex(91CAEF)

Conversions

Conversions Part 1

Format	Color
Hex	91CAEF
RGB	145, 202, 239
RGB Percent	57%, 79%, 94%
CMY	0.4314, 0.2078, 0.0627
CMYK	0.39, 0.15, 0.00, 0.06
HSL	204°, 75%, 75%
HSV	204°, 39%, 94%
XYZ	48.3776, 54.4928, 89.6297
YIQ	189.1750, -45.8490, -0.5770

Conversions

Conversions Part 2

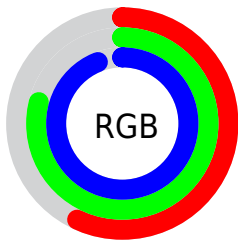
Format	Color
R _Y B	145, 180, 239
Decimal	9554671
CIE Lab	78.75, -9.18, -24.08
CIE LCh	79, 25.772, 249.124
Yxy	54.4928, 0.2513, 0.2831
Android (android.graphics.Color)	4287744751 (0xFF91CAEF)
YUV	189.1750, 24.5637, -38.7415
Hunter-Lab	73.8192, -12.2034, -20.3152

Details

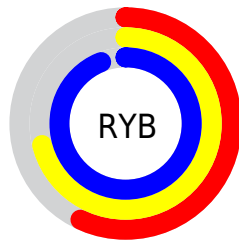
The Hex color **91CAEF** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **EFB691**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **CAFFFF**, and **5A94B7** is the 20% darker color. If you saturate the color by 10%, you get **79C1EF**, and if you desaturate by 10%, it is **A9D3EF**.

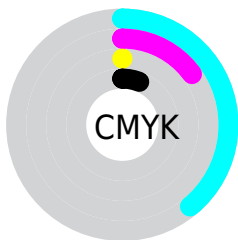
Distribution



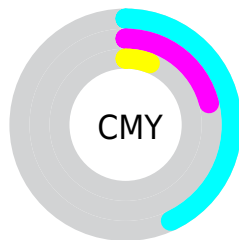
- Red (57%)
- Green (79%)
- Blue (94%)



- Red (57%)
- Yellow (71%)
- Blue (94%)



- Cyan (39%)
- Magenta (15%)
- Yellow (0%)
- Black (6%)




- Cyan (43%)
- Magenta (21%)
- Yellow (6%)

Brightness & Saturation Gradients

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

 91CAEF

 91CAEF

FFFFFF

 75AFD3

 CAFFFF

 5A94B7

 E7FFFF

 3E7A9C

 1E6182

 004A69

 003350

 001E39

 000224

 00000B

■ 91CAEF

■ 91CAEF

■ 79C1EF

■ A9D3EF

■ 61B7EF

■ C1DDEF

■ 49AEEF

■ D9E6EF

■ 31A4EF

■ F1F0EF

■ 199BEF

■ FFF9EF

■ 0292EF

■ FFFFEF

■ 0091EF

Harmonies

Analogous

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



7FCFE0



91CAEF



B0C3F2

Triad

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



91CAEF



F3B2BC



B3CB9D

Complementary

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



91CAEF



EFB691

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.



CDC494



91CAEF



F1B5A6

Square

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



91CAEF



E8B4D5



E4BC97



98CFB1

Rectangle

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



91CAEF



C6BDED



E4BC97



BCC999

Sweetspot

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



91CAEF



E0F3FF



91EFB5



6E7880



000000



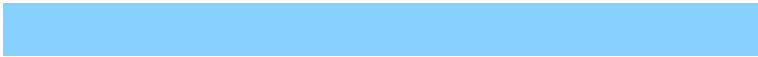
808080

Same Dimension

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



91CAEF



87D0FF



919CEF



6C7378



006FB8



002238

Inverse Universe

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



EF91CA



FF87D0



EFE491



786C73



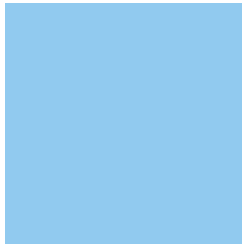
B8006F



380022

Previews

White Background



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

Color Contrast Check

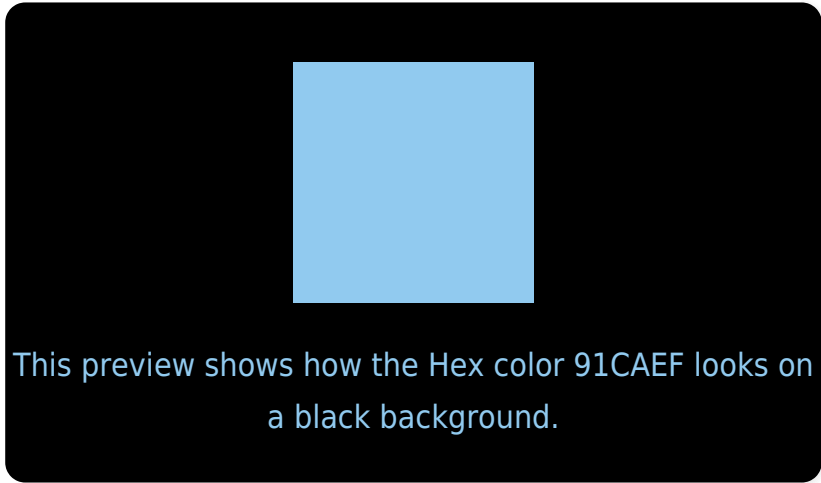
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 91CAEF Background



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

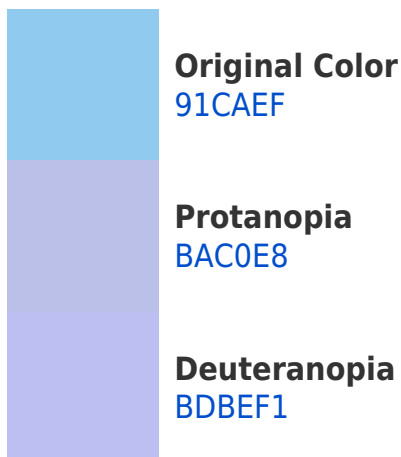


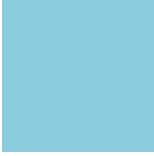
This preview shows how white text looks on a background with the Hex color 91CAEF.

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](#).

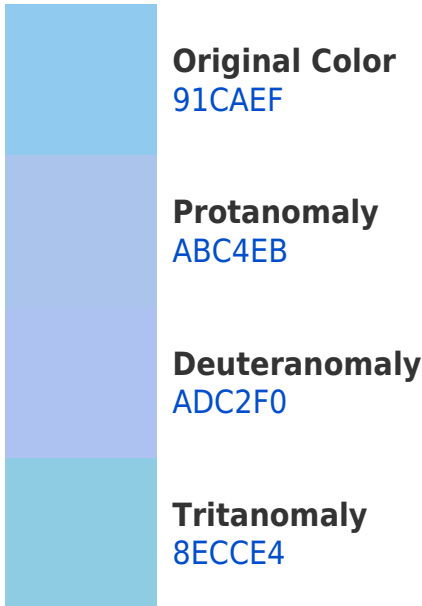
Dichromacy



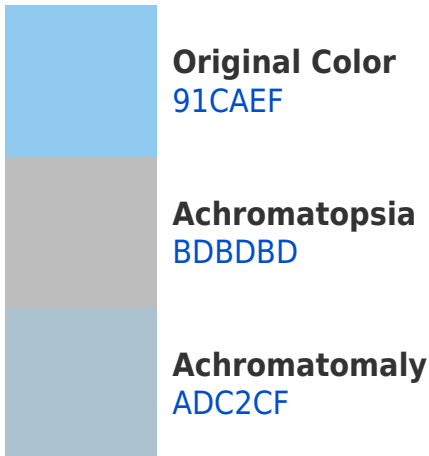


Tritanopia
8CCDD

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #91CAEF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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