

Converting Colors

Hex(93CAF2)

Have a look what the booklet for
Hex(93CAF2) contains.

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Color

Hex(93CAF2)

Conversions

Conversions Part 1

Format	Color
Hex	93CAF2
RGB	147, 202, 242
RGB Percent	58%, 79%, 95%
CMY	0.4235, 0.2078, 0.0510
CMYK	0.39, 0.17, 0.00, 0.05
HSL	205°, 79%, 76%
HSV	205°, 39%, 95%
XYZ	49.1802, 54.8549, 92.0004
YIQ	190.1150, -45.6200, 0.7800

Conversions

Conversions Part 2

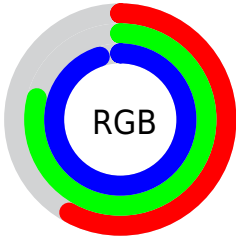
Format	Color
RYB	147, 182, 242
Decimal	9685746
CIELab	78.96, -7.89, -25.36
CIElCh	79, 26.557, 252.714
Yxy	54.8549, 0.2509, 0.2798
Android (android.graphics.Color)	4287875826 (0xFF93CAF2)
YUV	190.1150, 25.5793, -37.8119
Hunter-Lab	74.0641, -11.0843, -21.8035

Details

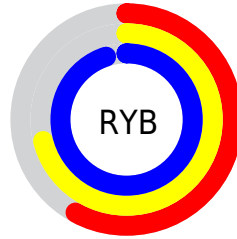
The Hex color **93CAF2** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **F2BB93**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **CCFFFF**, and **5C94BA** is the 20% darker color. If you saturate the color by 10%, you get **7BC0F2**, and if you desaturate by 10%, it is **ABD4F2**.

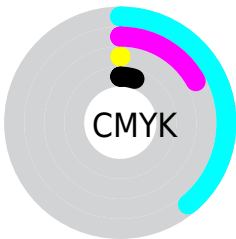
Distribution



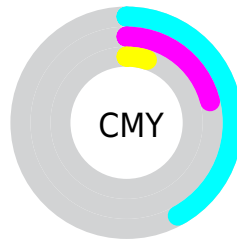
- Red (58%)
- Green (79%)
- Blue (95%)



- Red (58%)
- Yellow (71%)
- Blue (95%)



- Cyan (39%)
- Magenta (17%)
- Yellow (0%)
- Black (5%)



- Cyan (42%)
- Magenta (21%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 93CAF2 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 93CAF2 by changing the saturation by 10% instead.

 93CAF2

 93CAF2

FFFFFF

 77AFD6

 CCFFFF

 5C94BA

 E9FFFF

 407A9F

 216185

 004A6B

 003353

 001E3B

 000226

 00010F

 93CAF2

 93CAF2

 7BC0F2

 ABD4F2

 63B6F2

 C3DEF2

 4AABF2

 DCE9F2

 32A1F2

 F4F3F2

 1A97F2

 FFFDF2

 028DF2

 FFFFF2

 008CF2

Harmonies

Analogous

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



7ECFE4



93CAF2



B4C2F3

Triad

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



93CAF2



F6B2BA



AFCC9F

Complementary

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



93CAF2



F2BB93

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.



CBC593



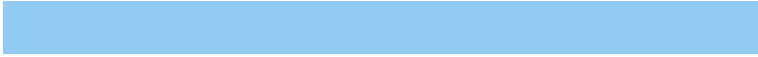
93CAF2



F2B6A3

Square

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



93CAF2



ECB3D3



E3BD95



94D0B4

Rectangle

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



93CAF2



CABCED



E3BD95



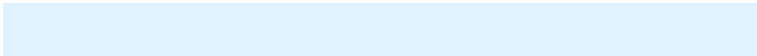
B9CA99

Sweetspot

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



93CAF2



E0F2FF



93F2BB



6E7880



000000



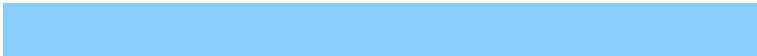
808080

Same Dimension

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



93CAF2



87CDFE



939BF2



6C7378



006AB8



002038

Inverse Universe

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



F293CA



FF87CD



F2EA93



786C73



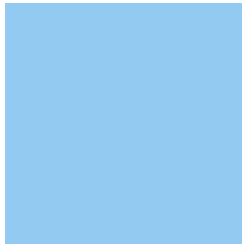
B8006A



380020

Previews

White Background



This preview shows how the Hex color 93CAF2 looks on a white background.

Color Contrast Check

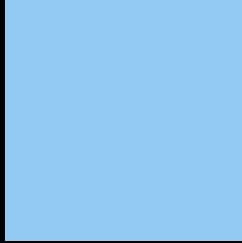
Large Text (above 18pt) WCAG AA × Fail

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 93CAF2 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

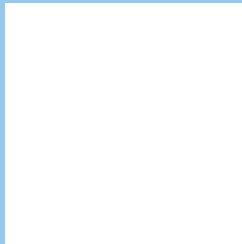
Any Text WCAG AAA ✓ Pass

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

Hex 93CAF2 Background



This preview shows how black text looks on a background with the Hex color 93CAF2.

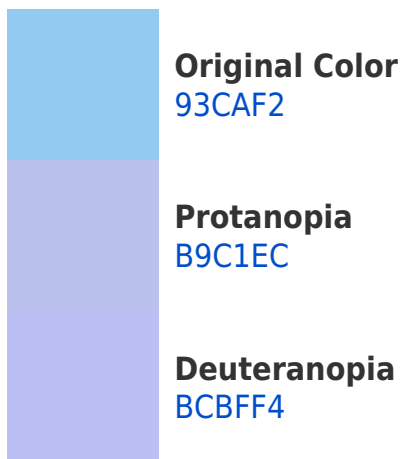


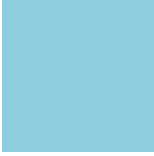
This preview shows how white text looks on a background with the Hex color 93CAF2.

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](#).

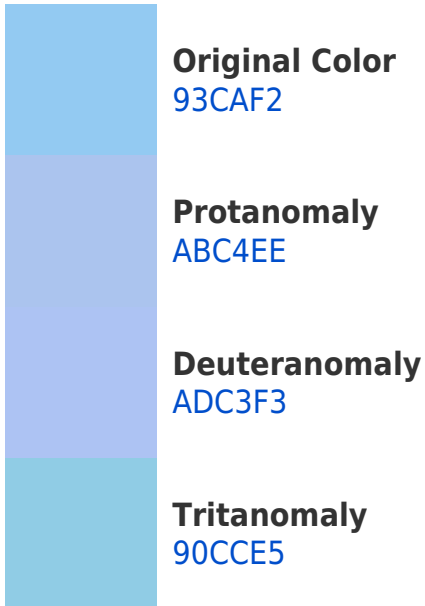
Dichromacy



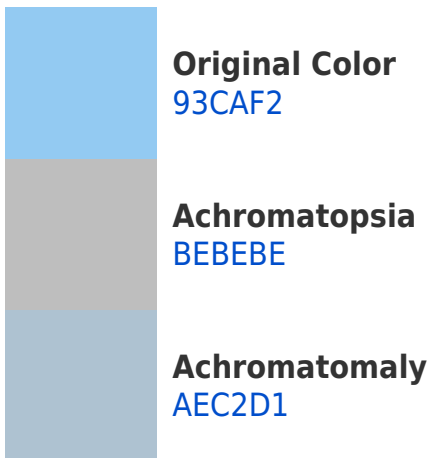


Tritanopia
8ECDDE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 93CAF2 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 #93CAF2 looks like.

```
.text, #text, p{  
    color:#93CAF2  
}
```

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 #93CAF2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #93CAF2
}
```

Border

The CSS property to change the border of an element to Hex 93CAF2 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
#93CAF2 }
```

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

```
.border{ border-color:#93CAF2 }
```

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

Here you see how a box with a 4 pixel #93CAF2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #93CAF2; -webkit-box-shadow:4px 4px  
4px 4px #93CAF2; box-shadow:4px 4px 4px  
4px #93CAF2 }
```

Background

The CSS property to change the background color of an element to Hex 93CAF2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#93CAF2 }
```

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

```
.background{ background-color:#93CAF2 }
```

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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