

Converting Colors

Hex(93DAF0)

Have a look what the booklet for
Hex(93DAF0) contains.

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Color

Hex(93DAF0)

Conversions

Conversions Part 1

Format	Color
Hex	93DAF0
RGB	147, 218, 240
RGB Percent	58%, 85%, 94%
CMY	0.4235, 0.1451, 0.0588
CMYK	0.39, 0.09, 0.00, 0.06
HSL	194°, 76%, 76%
HSV	194°, 39%, 94%
XYZ	52.8322, 62.6371, 91.7437
YIQ	199.2790, -49.3780, -8.2100

Conversions

Conversions Part 2

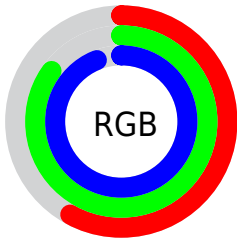
Format	Color
R _Y B	147, 187, 240
Decimal	9689840
CIE Lab	83.25, -16.70, -17.78
CIE LCh	83, 24.391, 226.796
Yxy	62.6371, 0.2550, 0.3023
Android (android.graphics.Color)	4287879920 (0xFF93DAF0)
YUV	199.2790, 20.0755, -45.8487
Hunter-Lab	79.1436, -19.3439, -13.3287

Details

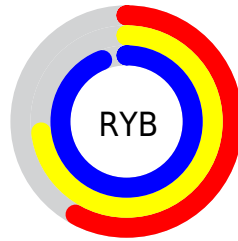
The Hex color **93DAF0** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **F0A993**, and the grayscale version is **C7C7C7**.

A 20% lighter version of the original color is **CCFFFF**, and **5BA3B8** is the 20% darker color. If you saturate the color by 10%, you get **7BD4F0**, and if you desaturate by 10%, it is **ABE0F0**.

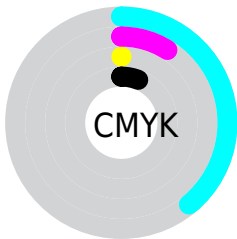
Distribution



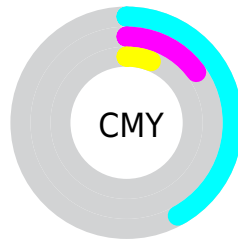
- Red (58%)
- Green (85%)
- Blue (94%)



- Red (58%)
- Yellow (73%)
- Blue (94%)



- Cyan (39%)
- Magenta (9%)
- Yellow (0%)
- Black (6%)



- Cyan (42%)
- Magenta (15%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color 93DAF0 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 93DAF0 by changing the saturation by 10% instead.

 93DAF0

 93DAF0

FFFFFF

 77BED4

 CCFFFF

 5BA3B8

 E9FFFF

 3F899D

 1E6F83

 00576A

 003F52

 00293A

 001525

 00010E

 93DAF0

 93DAF0

 7BD4F0

 ABE0F0

 63CFF0

 C3E5F0

 4BC9F0

 DBEBF0

 33C3F0

 F3F1F0

 1BBEF0

 FFF6F0

 03B8F0

 FFFCF0

 00B7F0

 FFFFF0

Harmonies

Analogous

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



91DDDC



93DAF0



A8D5FB

Triad

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



93DAF0



F7C0DB



D3D2A3

Complementary

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



93DAF0



F0A993

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.



EACAA3



93DAF0



FFBFC3

Square

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



93DAF0



E3C5EF



FAC3AF



B9D8AF

Rectangle

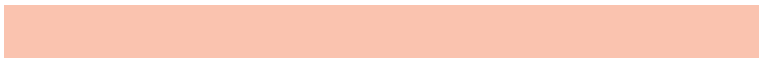
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



93DAF0



BCD0FD



FAC3AF



DCD0A2

Sweetspot

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



93DAF0



E0F8FF



93F0A9



6E7B80



000000



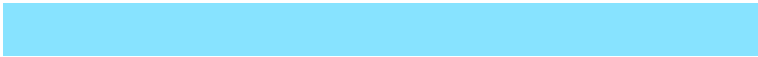
808080

Same Dimension

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



93DAF0



87E3FF



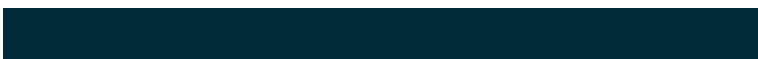
93ACF0



6C7578



008CB8



002B38

Inverse Universe

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



F093DA



FF87E3



F0D793



786C75



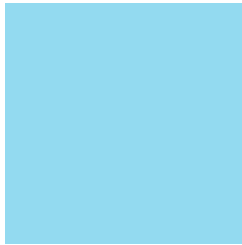
B8008C



38002B

Previews

White Background



This preview shows how the Hex color 93DAF0 looks on a white background.

Color Contrast Check

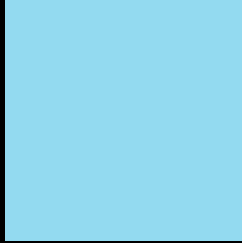
Large Text (above 18pt) WCAG AA × Fail

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 93DAF0 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 93DAF0 Background



This preview shows how black text looks on a background with the Hex color 93DAF0.

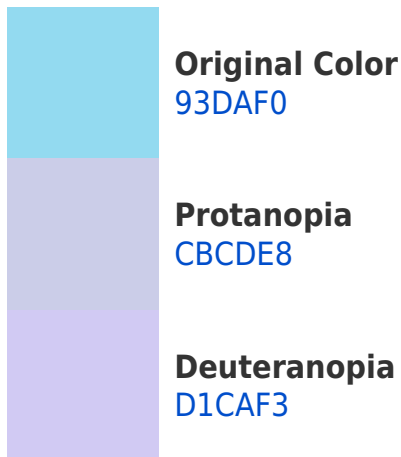


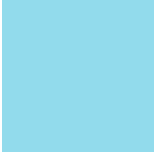
This preview shows how white text looks on a background with the Hex color 93DAF0.

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](#).

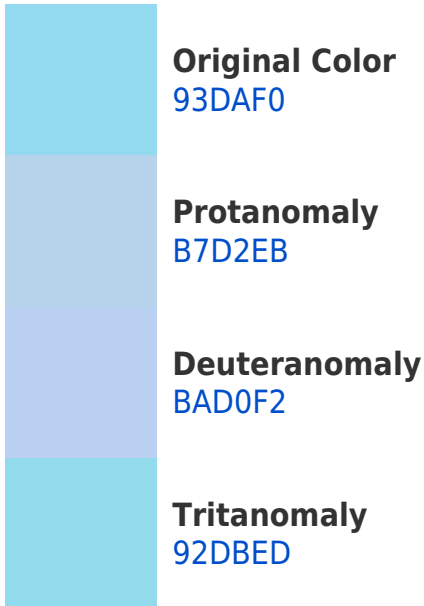
Dichromacy



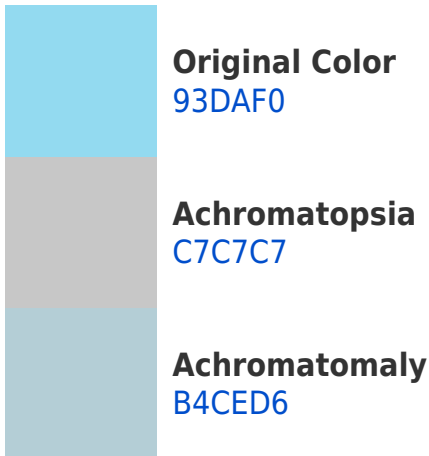


Tritanopia
92DBEC

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 93DAF0 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 #93DAF0 looks like.

```
.text, #text, p{  
    color:#93DAF0  
}
```

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 #93DAF0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #93DAF0
}
```

Border

The CSS property to change the border of an element to Hex 93DAF0 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
#93DAF0 }
```

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

```
.border{ border-color:#93DAF0 }
```

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

Here you see how a box with a 4 pixel #93DAF0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #93DAF0; -webkit-box-shadow:4px 4px  
4px 4px #93DAF0; box-shadow:4px 4px 4px  
4px #93DAF0 }
```

Background

The CSS property to change the background color of an element to Hex 93DAF0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#93DAF0 }
```

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

```
.background{ background-color:#93DAF0 }
```

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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