

Converting Colors

Hex(93B9F2)

Have a look what the booklet for
Hex(93B9F2) contains.

Hex(93B9F2)	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(93B9F2)

Conversions

Conversions Part 1

Format	Color
Hex	93B9F2
RGB	147, 185, 242
RGB Percent	58%, 73%, 95%
CMY	0.4235, 0.2745, 0.0510
CMYK	0.39, 0.24, 0.00, 0.05
HSL	216°, 79%, 76%
HSV	216°, 39%, 95%
XYZ	45.4086, 47.3118, 90.7432
YIQ	180.1360, -40.9450, 9.6710

Conversions

Conversions Part 2

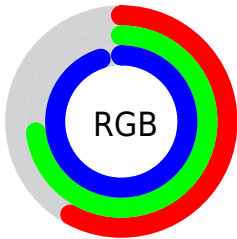
Format	Color
R _Y B	147, 174, 242
Decimal	9681394
CIE Lab	74.39, 1.27, -32.37
CIE LCh	74, 32.394, 272.242
Yxy	47.3118, 0.2475, 0.2579
Android (android.graphics.Color)	4287871474 (0xFF93B9F2)
YUV	180.1360, 30.4990, -29.0603
Hunter-Lab	68.7836, -2.5315, -30.0703

Details

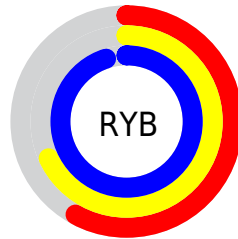
The Hex color **93B9F2** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **F2CC93**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **CCF1FF**, and **5C84BA** is the 20% darker color. If you saturate the color by 10%, you get **7BAAF2**, and if you desaturate by 10%, it is **ABC8F2**.

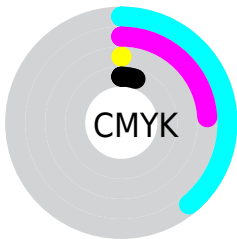
Distribution



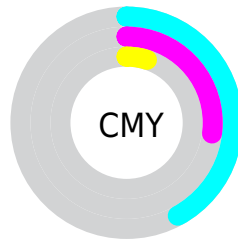
- Red (58%)
- Green (73%)
- Blue (95%)



- Red (58%)
- Yellow (68%)
- Blue (95%)



- Cyan (39%)
- Magenta (24%)
- Yellow (0%)
- Black (5%)



- Cyan (42%)
- Magenta (27%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 93B9F2 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 93B9F2 by changing the saturation by 10% instead.

 93B9F2

 93B9F2

FFFFFF

 779ED5

 CCF1FF

 5C84BA

 E9FFFF

 406B9F

 225384

 003C6B

 002752

 00123B

 000225

 00010D

■ 93B9F2

■ 93B9F2

■ 7BAAF2

■ ABC8F2

■ 639CF2

■ C3D6F2

■ 4A8DF2

■ DCE5F2

■ 327FF2

■ F4F3F2

■ 1A70F2

■ FFFFF2

■ 0262F2

■ 0061F2

Harmonies

Analogous

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



69C1EB



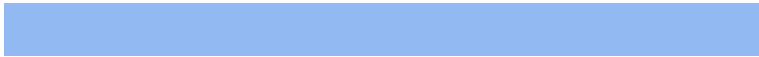
93B9F2



BEAEE9

Triad

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



93B9F2



F1A399



87C59A

Complementary

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



93B9F2



F2CC93

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.



AABF84



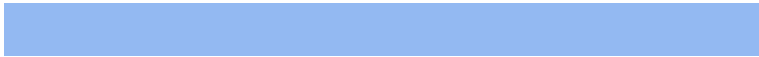
93B9F2



E3AC83

Square

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



93B9F2



F0A1B6



CAB67B



66C7B8

Rectangle

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



93B9F2



D5A8DC



CAB67B



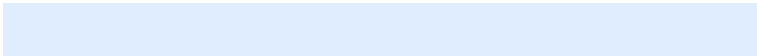
93C392

Sweetspot

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



93B9F2



E0EDFF



93F2CC



6E7580



000000



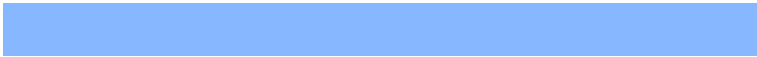
808080

Same Dimension

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



93B9F2



87B7FF



9C93F2



6C7178



0049B8



001638

Inverse Universe

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



F293B9



FF87B7



E9F293



786C71



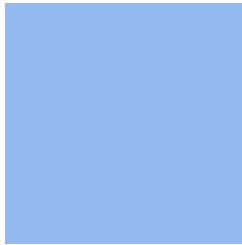
B80049



380016

Previews

White Background



This preview shows how the Hex color 93B9F2 looks on a white background.

Color Contrast Check

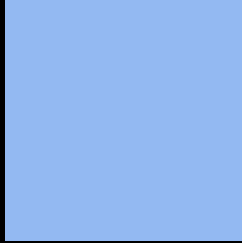
Large Text (above 18pt) WCAG AA × Fail

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 93B9F2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

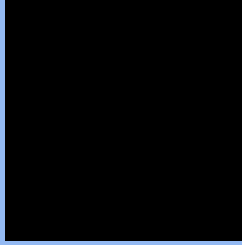
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

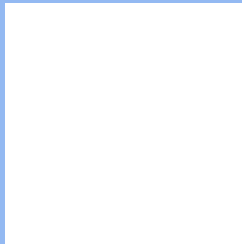
Any Text WCAG AAA ✓ Pass

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

Hex 93B9F2 Background



This preview shows how black text looks on a background with the Hex color 93B9F2.

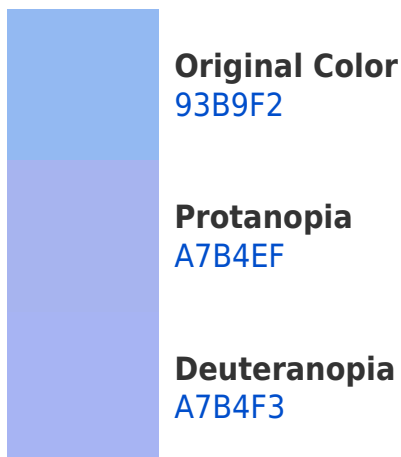


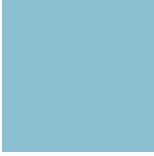
This preview shows how white text looks on a background with the Hex color 93B9F2.

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](#).

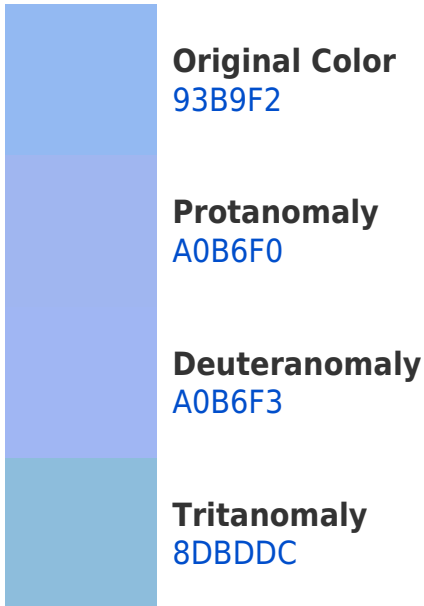
Dichromacy





Tritanopia
8ABFCF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 93B9F2 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 #93B9F2 looks like.

```
.text, #text, p{  
    color:#93B9F2  
}
```

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 #93B9F2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #93B9F2
}
```

Border

The CSS property to change the border of an element to Hex 93B9F2 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
#93B9F2 }
```

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

```
.border{ border-color:#93B9F2 }
```

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

Here you see how a box with a 4 pixel #93B9F2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #93B9F2; -webkit-box-shadow:4px 4px  
4px 4px #93B9F2; box-shadow:4px 4px 4px  
4px #93B9F2 }
```

Background

The CSS property to change the background color of an element to Hex 93B9F2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#93B9F2 }
```

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

```
.background{ background-color:#93B9F2 }
```

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