

Converting Colors

Hex(93AEF2)

Have a look what the booklet for
Hex(93AEF2) contains.

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Color

Hex(93AEF2)

Conversions

Conversions Part 1

Format	Color
Hex	93AEF2
RGB	147, 174, 242
RGB Percent	58%, 68%, 95%
CMY	0.4235, 0.3176, 0.0510
CMYK	0.39, 0.28, 0.00, 0.05
HSL	223°, 79%, 76%
HSV	223°, 39%, 95%
XYZ	43.1957, 42.8860, 90.0056
YIQ	173.6790, -37.9200, 15.4240

Conversions

Conversions Part 2

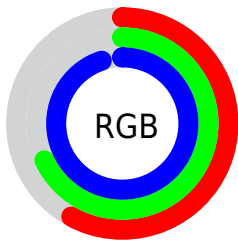
Format	Color
R_{YB}	147, 168, 242
Decimal	9678578
CIE Lab	71.48, 7.36, -36.88
CIE LCh	71, 37.605, 281.287
Yxy	42.8860, 0.2453, 0.2435
Android (android.graphics.Color)	4287868658 (0xFF93AEF2)
YUV	173.6790, 33.6823, -23.3975
Hunter-Lab	65.4874, 3.1363, -35.6468

Details

The Hex color **93AEF2** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **F2D793**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **CCE5FF**, and **5C7ABA** is the 20% darker color. If you saturate the color by 10%, you get **7B9DF2**, and if you desaturate by 10%, it is **ABBFF2**.

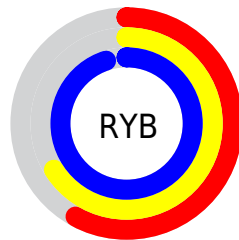
Distribution



Red (58%)

Green (68%)

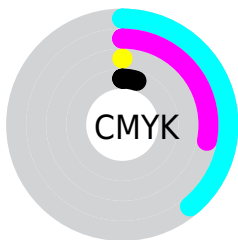
Blue (95%)



Red (58%)

Yellow (66%)

Blue (95%)

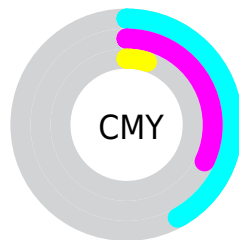


Cyan (39%)

Magenta (28%)

Yellow (0%)

Black (5%)



Cyan (42%)

Magenta (32%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 93AEF2 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 93AEF2 by changing the saturation by 10% instead.

 93AEF2

 93AEF2

FFFFFF

 7793D5

 CCE5FF

 5C7ABA

 E9FFFF

 40619E

 224A84

 00336A

 001F52

 00053B

 000224

 00000C

■ 93AEF2

■ 93AEF2

■ 7B9DF2

■ ABBFF2

■ 638BF2

■ C3D1F2

■ 4A7AF2

■ DCE2F2

■ 3269F2

■ F4F3F2

■ 1A57F2

■ FFFFF2

■ 0246F2

■ 0045F2

Harmonies

Analogous

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



59B9EF



93AEF2



C4A1E3

Triad

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



93AEF2



ED9A83



69C098

Complementary

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



93AEF2



F2D793

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.



93BA7A



93AEF2



D8A66F

Square

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



93AEF2



F295A3



B9B16B



3AC2BB

Rectangle

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



93AEF2



DC9AD1



B9B16B



77BE8D

Sweetspot

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



93AEF2



E0E9FF



93F2D5



6E7380



000000



808080

Same Dimension

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



93AEF2



87A9FF



A693F2



6C6F78



0034B8



001038

Inverse Universe

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



F293AE



FF87A9



DFF293



786C6F



B80034



380010

Previews

White Background



This preview shows how the Hex color 93AEF2 looks on a white background.

Color Contrast Check

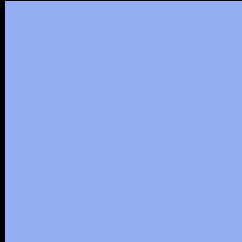
Large Text (above 18pt) WCAG AA × Fail

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 93AEF2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

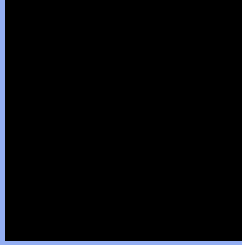
Any Text WCAG AA ✓ Pass

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 93AEF2 Background



This preview shows how black text looks on a background with the Hex color 93AEF2.



This preview shows how white text looks on a background with the Hex color 93AEF2.

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



Original Color
93AEF2

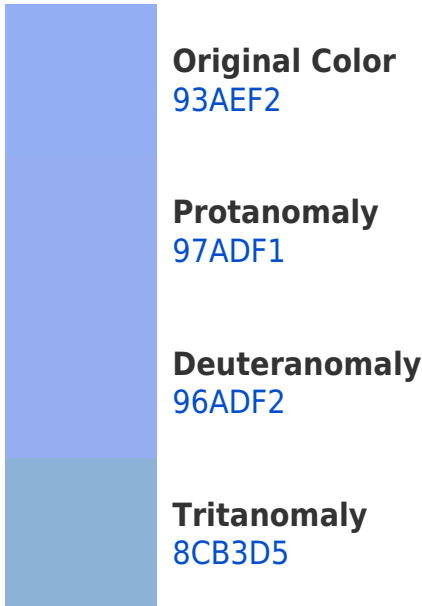
Protanopia
9AACF1

Deuteranopia
98ADF2

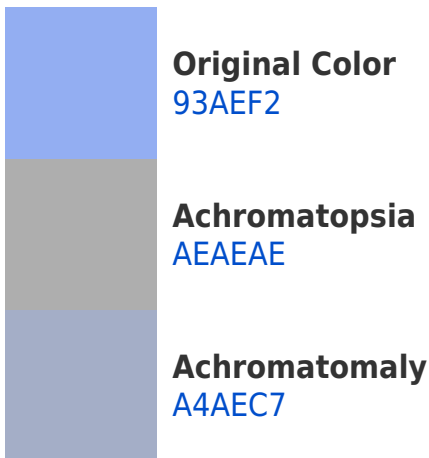


Tritanopia
88B6C5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 93AEF2 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 #93AEF2 looks like.

```
.text, #text, p{  
    color:#93AEF2  
}
```

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 #93AEF2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #93AEF2
}
```

Border

The CSS property to change the border of an element to Hex 93AEF2 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
#93AEF2 }
```

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

```
.border{ border-color:#93AEF2 }
```

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

Here you see how a box with a 4 pixel #93AEF2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #93AEF2; -webkit-box-shadow:4px 4px  
4px 4px #93AEF2; box-shadow:4px 4px 4px  
4px #93AEF2 }
```

Background

The CSS property to change the background color of an element to Hex 93AEF2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#93AEF2 }
```

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

```
.background{ background-color:#93AEF2 }
```

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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