

Converting Colors

Hex(91AAF4)

Have a look what the booklet for
Hex(91AAF4) contains.

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Color

Hex(91AAF4)

Conversions

Conversions Part 1

Format	Color
Hex	91AAF4
RGB	145, 170, 244
RGB Percent	57%, 67%, 96%
CMY	0.4314, 0.3333, 0.0431
CMYK	0.41, 0.30, 0.00, 0.04
HSL	225°, 82%, 76%
HSV	225°, 41%, 96%
XYZ	42.3809, 41.3008, 91.3261
YIQ	170.9610, -38.6540, 17.7140

Conversions

Conversions Part 2

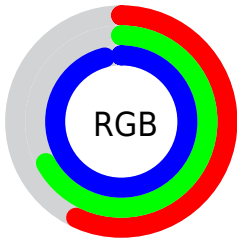
Format	Color
RYB	145, 165, 244
Decimal	9546484
CIELab	70.39, 9.63, -39.67
CIElCh	70, 40.825, 283.646
Yxy	41.3008, 0.2422, 0.2360
Android (android.graphics.Color)	4287736564 (0xFF91AAF4)
YUV	170.9610, 36.0082, -22.7678
Hunter-Lab	64.2657, 5.2492, -39.2692

Details

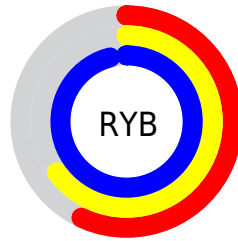
The Hex color **91AAF4** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **F4DB91**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **CAE1FF**, and **5976BB** is the 20% darker color. If you saturate the color by 10%, you get **7998F4**, and if you desaturate by 10%, it is **A9BCF4**.

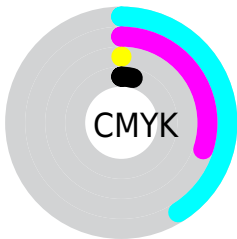
Distribution



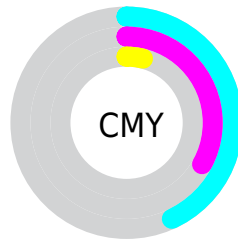
- Red (57%)
- Green (67%)
- Blue (96%)



- Red (57%)
- Yellow (65%)
- Blue (96%)



- Cyan (41%)
- Magenta (30%)
- Yellow (0%)
- Black (4%)



- Cyan (43%)
- Magenta (33%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color 91AAF4 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 91AAF4 by changing the saturation by 10% instead.

■ 91AAF4

■ 91AAF4

FFFFFF

■ 7590D7

■ CAE1FF

■ 5976BB

■ E7FEFF

■ 3D5EA0

■ 1D4686

■ 00306C

■ 001C53

■ 00003C

■ 000225

■ 00010E

■ 91AAF4

■ 91AAF4

■ 7998F4

■ A9BCF4

■ 6086F4

■ C2CEF4

■ 4873F4

■ DAE1F4

■ 2F61F4

■ F3F3F4

■ 174FF4

■ FFFFF4

■ 003EF4

Harmonies

Analogous

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



4BB6F3



91AAF4



C69CE2

Triad

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



91AAF4



ED967B



59BE96

Complementary

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



91AAF4



F4DB91

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.



8AB975



91AAF4



D6A365

Square

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



91AAF4



F48F9C



B3AF63



06C0BC

Rectangle

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



91AAF4



DE94CE



B3AF63



6BBD8A

Sweetspot

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



91AAF4



E0E8FF



91F4DA



6E7280



000000



808080

Same Dimension

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



91AAF4



82A2FF



A891F4



6E717A



002FBA



000F3B

Inverse Universe

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



F491AA



FF82A2



DDF491



7A6E71



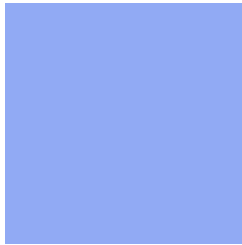
BA002F



3B000F

Previews

White Background



This preview shows how the Hex color 91AAF4 looks on a white background.

Color Contrast Check

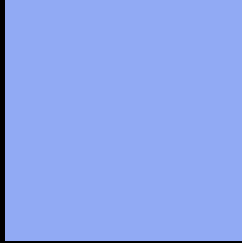
Large Text (above 18pt) WCAG AA × Fail

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 91AAF4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

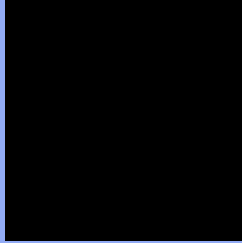
Any Text WCAG AA ✓ Pass

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 91AAF4 Background



This preview shows how black text looks on a background with the Hex color 91AAF4.



This preview shows how white text looks on a background with the Hex color 91AAF4.

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
91AAF4

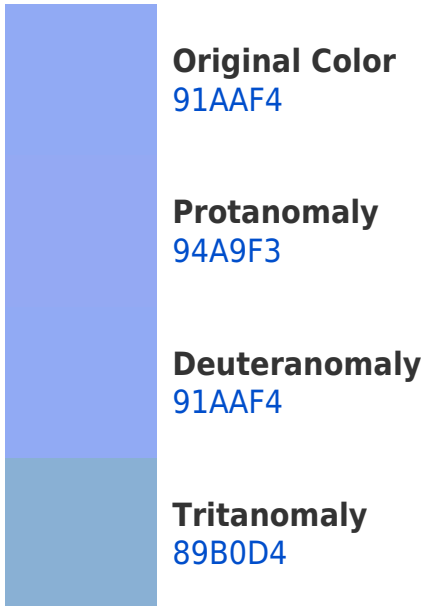
Protanopia
95A9F3

Deuteranopia
91AAF4

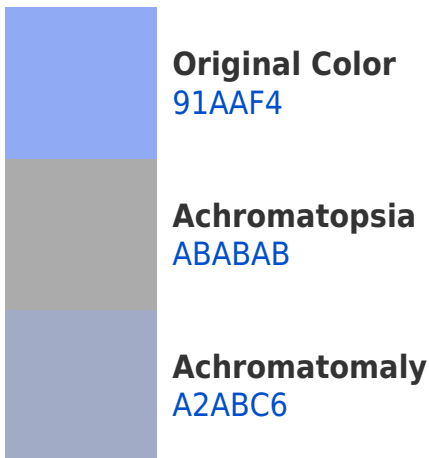


Tritanopia
84B4C2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 91AAF4 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 #91AAF4 looks like.

```
.text, #text, p{  
    color:#91AAF4  
}
```

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 #91AAF4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #91AAF4  
}
```

Border

The CSS property to change the border of an element to Hex 91AAF4 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  
#91AAF4 }
```

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

```
.border{ border-color:#91AAF4 }
```

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

Here you see how a box with a 4 pixel #91AAF4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #91AAF4; -webkit-box-shadow:4px 4px  
4px 4px #91AAF4; box-shadow:4px 4px 4px  
4px #91AAF4 }
```

Background

The CSS property to change the background color of an element to Hex 91AAF4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#91AAF4 }
```

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

```
.background{ background-color:#91AAF4 }
```

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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