

# Converting Colors

Hex(91A1F1)

Have a look what the booklet for  
Hex(91A1F1) contains.

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# **Color**

**Hex(91A1F1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	91A1F1
RGB	145, 161, 241
RGB Percent	57%, 63%, 95%
CMY	0.4314, 0.3686, 0.0549
CMYK	0.40, 0.33, 0.00, 0.05
HSL	230°, 77%, 76%
HSV	230°, 40%, 95%
XYZ	40.2991, 37.8604, 88.4029
YIQ	165.3360, -35.2160, 21.4880

# Conversions

## Conversions Part 2

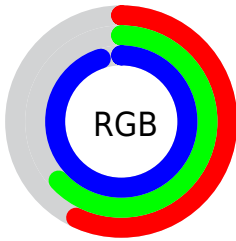
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	145, 159, 241
Decimal	9544177
CIE Lab	67.92, 13.91, -41.89
CIE LCh	68, 44.144, 288.370
Yxy	37.8604, 0.2419, 0.2273
Android (android.graphics.Color)	4287734257 (0xFF91A1F1)
YUV	165.3360, 37.3024, -17.8347
Hunter-Lab	61.5308, 9.2284, -42.1120

# Details

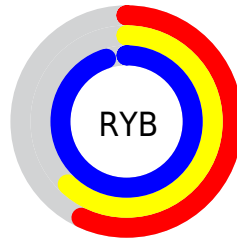
The Hex color **91A1F1** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **F1E191**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **CAD8FF**, and **5A6EB9** is the 20% darker color. If you saturate the color by 10%, you get **798DF1**, and if you desaturate by 10%, it is **A9B5F1**.

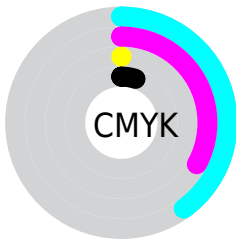
# Distribution



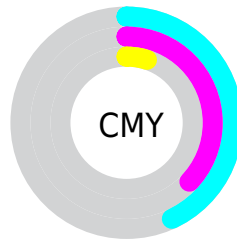
- Red (57%)
- Green (63%)
- Blue (95%)



- Red (57%)
- Yellow (62%)
- Blue (95%)



- Cyan (40%)
- Magenta (33%)
- Yellow (0%)
- Black (5%)



- Cyan (43%)
- Magenta (37%)
- Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 91A1F1 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 91A1F1 by changing the saturation by 10% instead.



■ 91A1F1

■ 91A1F1

FFFFFF

■ 7587D4

■ CAD8FF

■ 5A6EB9

■ E7F4FF

■ 3E569D

■ 1E3F83

■ 002969

■ 001651

■ 000139

■ 000223

■ 000009

■ 91A1F1

■ 91A1F1

■ 798DF1

■ A9B5F1

■ 6179F1

■ C1C9F1

■ 4965F1

■ D9DDF1

■ 3151F1

■ F1F1F1

■ 183DF1

■ FFFFF1

■ 0029F1

■ 0028F1

# Harmonies

## Analogous

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



3FAEF3



91A1F1



C892DB

# Triad

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



91A1F1



E7906C



3BB994

# Complementary

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



91A1F1



F1E191

# 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.



78B46F



91A1F1



CC9E57

# Square

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



91A1F1



F2868E



A6AB58



00BABD

# Rectangle

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



91A1F1



E08AC4



A6AB58



53B887



# Sweetspot

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



91A1F1



E0E6FF



91F1E1



6E7180



000000



808080



# Same Dimension

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



91A1F1



8599FF



B191F1



6C6E78



001FB8



000938



# Inverse Universe

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



F191A1



FF8599



D1F191



786C6E



B8001F

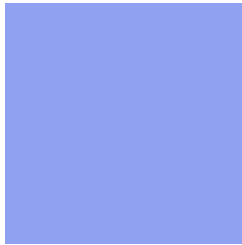


380009



# Previews

## White Background



This preview shows how the Hex color 91A1F1 looks on a white background.

## Color Contrast Check

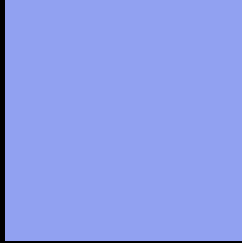
Large Text (above 18pt) WCAG AA × Fail

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 91A1F1 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

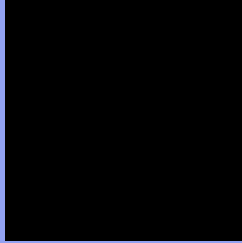
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 91A1F1 Background



This preview shows how black text looks on a background with the Hex color 91A1F1.



This preview shows how white text looks on a background with the Hex color 91A1F1.

# 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**  
91A1F1

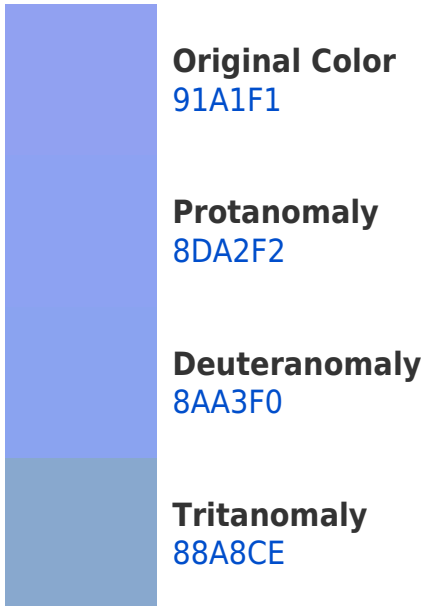
**Protanopia**  
8BA2F2

**Deuteranopia**  
86A4F0

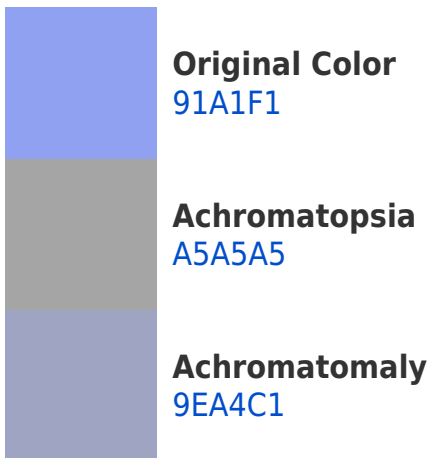


**Tritanopia**  
83ACBA

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 91A1F1 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 #91A1F1 looks like.

```
.text, #text, p{  
    color:#91A1F1  
}
```

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 #91A1F1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #91A1F1  
}
```

## Border

The CSS property to change the border of an element to Hex 91A1F1 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  
#91A1F1 }
```

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

```
.border{ border-color:#91A1F1 }
```

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

Here you see how a box with a 4 pixel #91A1F1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #91A1F1; -webkit-box-shadow:4px 4px  
4px 4px #91A1F1; box-shadow:4px 4px 4px  
4px #91A1F1 }
```

# Background

The CSS property to change the background color of an element to Hex 91A1F1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#91A1F1 }
```

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

```
.background{ background-color:#91A1F1 }
```

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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