

# Converting Colors

Hex(91F0F3)

Have a look what the booklet for  
Hex(91F0F3) contains.

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# **Color**

**Hex(91F0F3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	91F0F3
RGB	145, 240, 243
RGB Percent	57%, 94%, 95%
CMY	0.4314, 0.0588, 0.0471
CMYK	0.40, 0.01, 0.00, 0.05
HSL	182°, 80%, 76%
HSV	182°, 40%, 95%
XYZ	59.0148, 74.8110, 96.1236
YIQ	211.9370, -57.5830, -19.2070

# Conversions

## Conversions Part 2

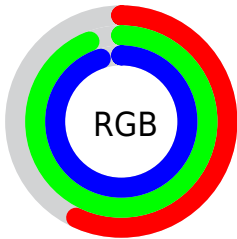
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">145, 193, 243</a>
Decimal	<a href="#">9564403</a>
CIELab	<a href="#">89.30, -27.34, -10.30</a>
CIELCh	<a href="#">89, 29.217, 200.646</a>
Yxy	<a href="#">74.8110, 0.2566, 0.3253</a>
Android (android.graphics.Color)	<a href="#">4287754483 (0xFF91F0F3)</a>
YUV	<a href="#">211.9370, 15.3141, -58.7037</a>
Hunter-Lab	<a href="#">86.4933, -29.5720, -5.3461</a>

# Details

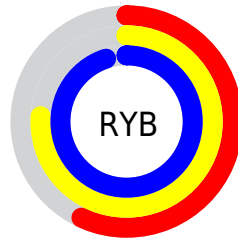
The Hex color **91F0F3** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **F39491**, and the grayscale version is **D4D4D4**.

A 20% lighter version of the original color is **CBFFFF**, and **57B8BB** is the 20% darker color. If you saturate the color by 10%, you get **79EFF3**, and if you desaturate by 10%, it is **A9F1F3**.

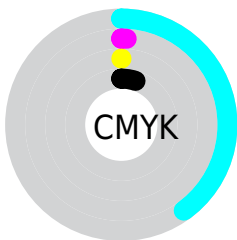
# Distribution



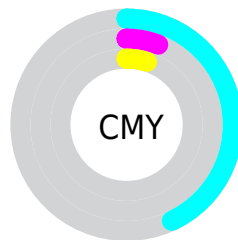
- Red (57%)
- Green (94%)
- Blue (95%)



- Red (57%)
- Yellow (76%)
- Blue (95%)



- Cyan (40%)
- Magenta (1%)
- Yellow (0%)
- Black (5%)



- Cyan (43%)
- Magenta (6%)
- Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 91F0F3 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 91F0F3 by changing the saturation by 10% instead.



 91F0F3

 91F0F3

FFFFFF

 74D4D7

 CBFFFF

 57B8BB

 E9FFFF

 389DA0

 0E8286


 00696D

 005054

 00393D

 002427

 000113

 91F0F3

 91F0F3

 79EFF3

 A9F1F3

 60EFF3

 C2F1F3

 48EEF3

 DAF2F3

 30EDF3

 F2F3F3

 18ECF3

 FFF4F3

 00ECF3

 FFF5F3

 FFF6F3

 FFF7F3

# Harmonies

## Analogous

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



A3F0D6



91F0F3



96EDFF

# Triad

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



91F0F3



FCD3FF



FDDCAA

# Complementary

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



91F0F3



F39491

# 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.



FFD3B6



91F0F3



FFCDEA

# Square

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



91F0F3



D9DCFF



FFCDCE



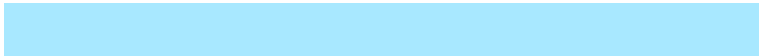
E1E5AC

# Rectangle

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



91F0F3



A8E8FF



FFCDCE



FFD8AC

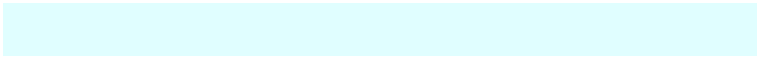


# Sweetspot

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



91F0F3



E0FEFF



91F393



6E7F80



000000



808080



# Same Dimension

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



91F0F3



85FBFF



91C0F3



6E7A7A



00B4BA



00393B



# Inverse Universe

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



F391F0



FF85FB



F3C491



7A6E7A



BA00B4

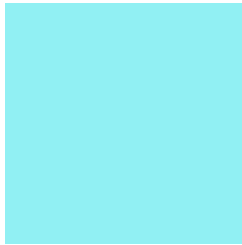


3B0039



# Previews

## White Background



This preview shows how the Hex color 91F0F3 looks on a white background.

## Color Contrast Check

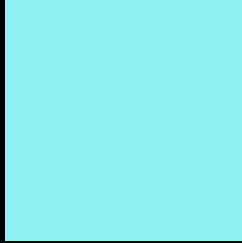
Large Text (above 18pt) WCAG AA × Fail

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 91F0F3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

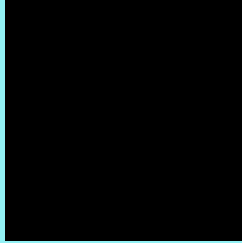
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 91F0F3 Background



This preview shows how black text looks on a background with the Hex color 91F0F3.

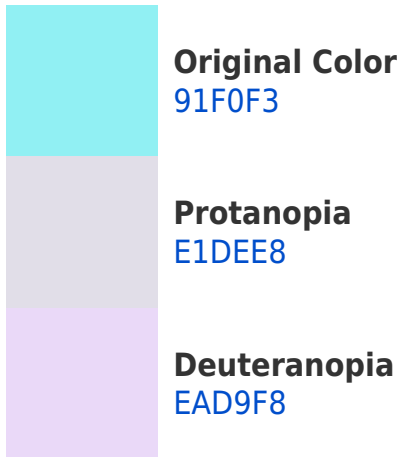


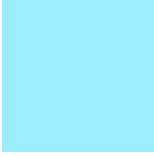
This preview shows how white text looks on a background with the Hex color 91F0F3.

# 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



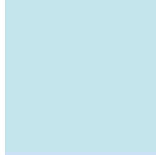


**Tritanopia**  
9BEDFF

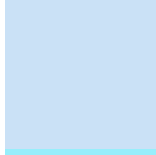
# Trichromacy



**Original Color**  
91F0F3



**Protanomaly**  
C4E5EC



**Deuteranomaly**  
CAE1F6

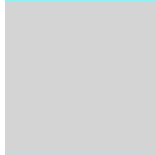


**Tritanomaly**  
97EEFB

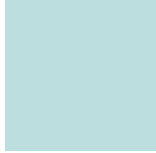
# Monochromacy



**Original Color**  
91F0F3



**Achromatopsia**  
D4D4D4



**Achromatomaly**  
BCDEDF

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 91F0F3 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 #91F0F3 looks like.

```
.text, #text, p{  
    color:#91F0F3  
}
```

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 #91F0F3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #91F0F3
}
```

## Border

The CSS property to change the border of an element to Hex 91F0F3 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
#91F0F3 }
```

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

```
.border{ border-color:#91F0F3 }
```

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

Here you see how a box with a 4 pixel #91F0F3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #91F0F3; -webkit-box-shadow:4px 4px  
4px 4px #91F0F3; box-shadow:4px 4px 4px  
4px #91F0F3 }
```

# Background

The CSS property to change the background color of an element to Hex 91F0F3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#91F0F3 }
```

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

```
.background{ background-color:#91F0F3 }
```

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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