

Converting Colors

Hex(91F2F2)

Have a look what the booklet for
Hex(91F2F2) contains.

Hex(91F2F2)	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(91F2F2)

Conversions

Conversions Part 1

Format	Color
Hex	91F2F2
RGB	145, 242, 242
RGB Percent	57%, 95%, 95%
CMY	0.4314, 0.0510, 0.0510
CMYK	0.40, 0.00, 0.00, 0.05
HSL	180°, 79%, 76%
HSV	180°, 40%, 95%
XYZ	59.4562, 75.9348, 95.5276
YIQ	212.9970, -57.8120, -20.5640

Conversions

Conversions Part 2

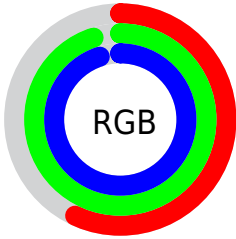
Format	Color
RYB	145, 194, 242
Decimal	9564914
CIELab	89.83, -28.54, -9.00
CIElCh	90, 29.927, 197.501
Yxy	75.9348, 0.2575, 0.3288
Android (android.graphics.Color)	4287754994 (0xFF91F2F2)
YUV	212.9970, 14.2985, -59.6334
Hunter-Lab	87.1406, -30.7051, -3.9981

Details

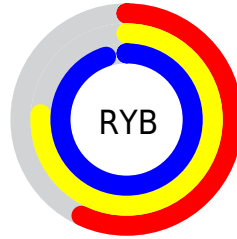
The Hex color **91F2F2** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **F29191**, and the grayscale version is **D5D5D5**.

A 20% lighter version of the original color is **CBFFFF**, and **57BABA** is the 20% darker color. If you saturate the color by 10%, you get **79F2F2**, and if you desaturate by 10%, it is **A9F2F2**.

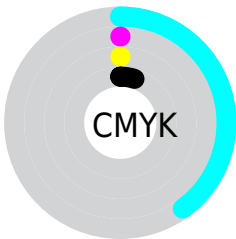
Distribution



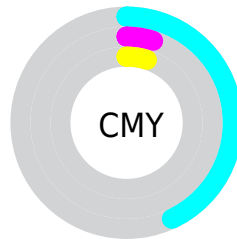
- Red (57%)
- Green (95%)
- Blue (95%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the Hex color 91F2F2 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 91F2F2 by changing the saturation by 10% instead.

 91F2F2

 91F2F2

FFFFFF

 74D5D6

 CBFFFF

 57BABA

 E9FFFF

 389E9F

 0D8485

 006A6C

 005253

 003A3C

 002527

 000113

 91F2F2

 91F2F2

 79F2F2

 A9F2F2

 61F2F2

 C1F2F2

 48F2F2

 DAF2F2

 30F2F2

 F2F2F2

 18F2F2

 FFF2F2

 00F2F2

Harmonies

Analogous

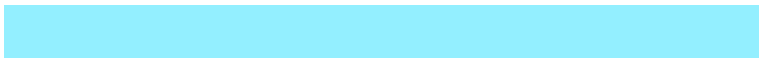
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



A6F1D5



91F2F2



93EFFF

Triad

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



91F2F2



FBD5FF



FFDCAB

Complementary

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



91F2F2



F29191

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.



FFD3B9



91F2F2



FFCEE7

Square

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



91F2F2



D6DFFF



FFCED2



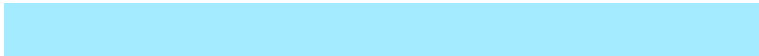
E6E5AB

Rectangle

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



91F2F2



A4EBFF



FFCED2



FFD9AE

Sweetspot

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



91F2F2



E0FFFF



91F291



6E8080



000000



808080

Same Dimension

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



91F2F2



85FFFF



91C2F2



6C7878



00B8B8



003838

Inverse Universe

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



F291F2



FF85FF



F2C291



786C78



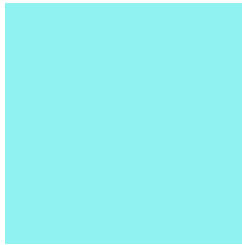
B800B8



380038

Previews

White Background



This preview shows how the Hex color 91F2F2 looks on a white background.

Color Contrast Check

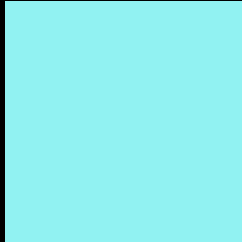
Large Text (above 18pt) WCAG AA × Fail

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 91F2F2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

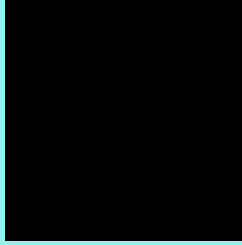
Any Text WCAG AA ✓ Pass

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 91F2F2 Background



This preview shows how black text looks on a background with the Hex color 91F2F2.

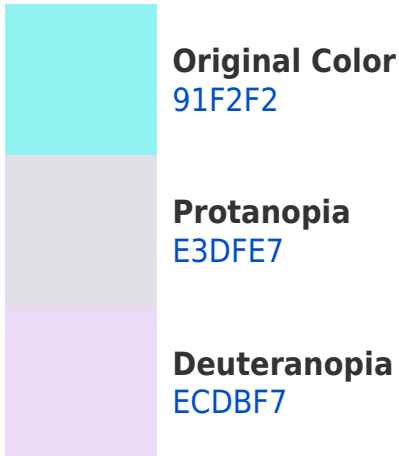


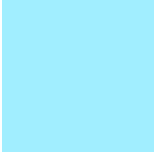
This preview shows how white text looks on a background with the Hex color 91F2F2.

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



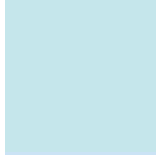


Tritanopia
A1EEFF

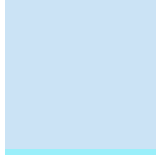
Trichromacy



Original Color
91F2F2



Protanomaly
C5E6EB



Deuteranomaly
CBE3F5

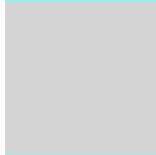


Tritanomaly
9BEFFA

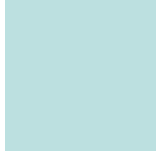
Monochromacy



Original Color
91F2F2



Achromatopsia
D5D5D5



Achromatomaly
BCE0E0

CSS Examples

Text

The CSS property to change the color of the text to Hex 91F2F2 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 #91F2F2 looks like.

```
.text, #text, p{  
    color:#91F2F2  
}
```

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 #91F2F2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #91F2F2
}
```

Border

The CSS property to change the border of an element to Hex 91F2F2 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
#91F2F2 }
```

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

```
.border{ border-color:#91F2F2 }
```

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

Here you see how a box with a 4 pixel #91F2F2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #91F2F2; -webkit-box-shadow:4px 4px  
4px 4px #91F2F2; box-shadow:4px 4px 4px  
4px #91F2F2 }
```

Background

The CSS property to change the background color of an element to Hex 91F2F2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#91F2F2 }
```

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

```
.background{ background-color:#91F2F2 }
```

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