

Converting Colors

Hex(91F148)

Have a look what the booklet for
Hex(91F148) contains.

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Color

Hex(91F148)

Conversions

Conversions Part 1

Format	Color
Hex	91F148
RGB	145, 241, 72
RGB Percent	57%, 95%, 28%
CMY	0.4314, 0.0549, 0.7176
CMYK	0.40, 0.00, 0.70, 0.05
HSL	94°, 86%, 61%
HSV	94°, 70%, 95%
XYZ	44.3020, 69.3982, 17.1911
YIQ	193.0300, -2.9670, -72.9110

Conversions

Conversions Part 2

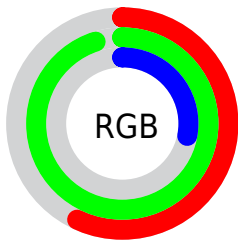
Format	Color
RYB	72, 241, 168
Decimal	9564488
CIELab	86.70, -55.00, 68.97
CIELCh	87, 88.220, 128.571
Yxy	69.3982, 0.3385, 0.5302
Android (android.graphics.Color)	4287754568 (0xFF91F148)
YUV	193.0300, -59.6678, -42.1223
Hunter-Lab	83.3056, -50.8582, 46.0787

Details

The Hex color **91F148** is a light color, and the websafe version is hex **99FF66**. The color can be described as light washed chartreuse. A complement of this color would be **A848F1**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **CCFF81**, and **55B800** is the 20% darker color. If you saturate the color by 10%, you get **83F130**, and if you desaturate by 10%, it is **9FF160**.

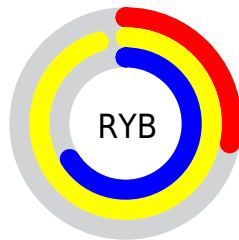
Distribution



Red (57%)

Green (95%)

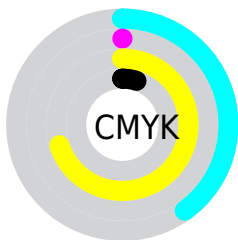
Blue (28%)



Red (28%)

Yellow (95%)

Blue (66%)

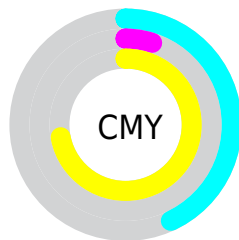


Cyan (40%)

Magenta (0%)

Yellow (70%)

Black (5%)



Cyan (43%)

Magenta (5%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 91F148 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 91F148 by changing the saturation by 10% instead.

 91F148

 91F148

FFFFFF

 73D428

 CCFF81

 55B800

 EAFF9E

 349D00

 FFFFBA

 008200

 FFFFD7

 006800

 FFFFF5


 004F00

 003700

 001F00

 000000

 91F148

 91F148

 83F130

 9FF160

 76F118

 ACF178

 68F100

 BAF190

 C8F1A8

 D5F1C1

 E3F1D9

 F1F1F1

 FFF1FF

Harmonies

Analogous

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



ECDD00



91F148



00FC98

Triad

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



91F148



00F2FF



FF84C4

Complementary

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



91F148



A848F1

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.



FF92FF



91F148



1FDBFF

Square

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



91F148



00FEFF



FAB8FF



FF9A75

Rectangle

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



91F148



00FFD2



FAB8FF



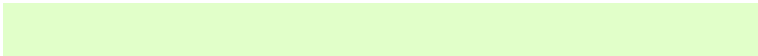
FF84E1

Sweetspot

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



91F148



E1FFC9



F1A848



6D8060



000000



808080

Same Dimension

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



91F148



85FF29



48F153



71786C



4FB800



183800

Inverse Universe

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



A848F1



A229FF



F148E6



736C78



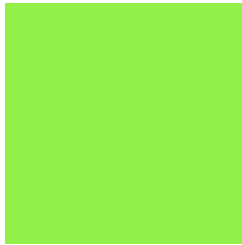
6800B8



200038

Previews

White Background



This preview shows how the Hex color 91F148 looks on a white background.

Color Contrast Check

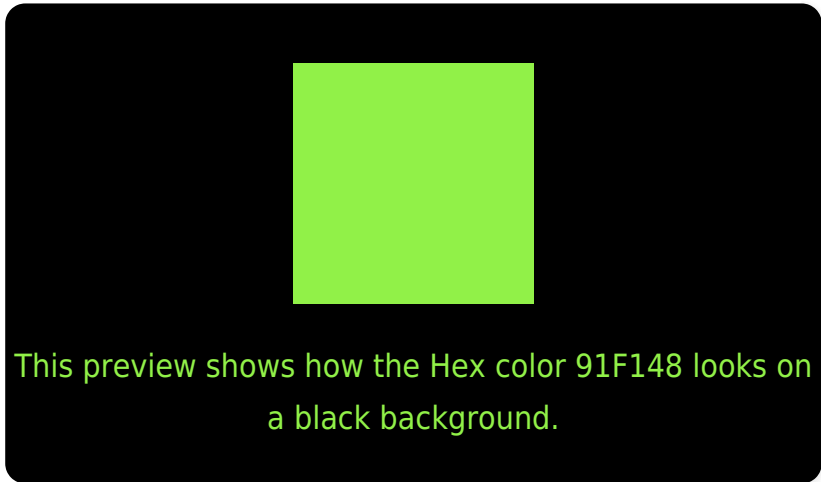
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 91F148 Background



This preview shows how black text looks on a background with the Hex color 91F148.

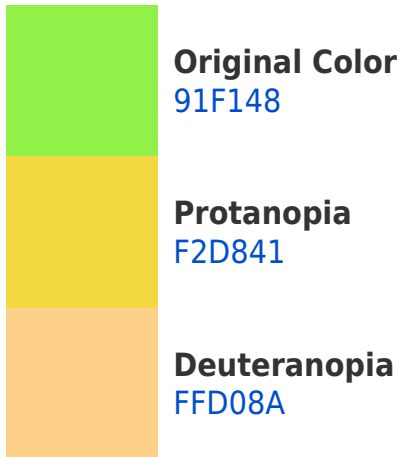


This preview shows how white text looks on a background with the Hex color 91F148.

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



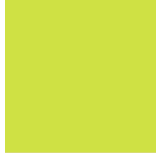


Tritanopia
ABE1F3

Trichromacy



Original Color
91F148



Protanomaly
CFE144



Deuteranomaly
D7DC72

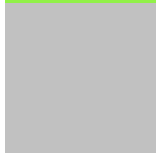


Tritanomaly
A2E7B5

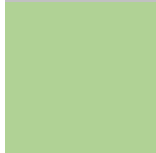
Monochromacy



Original Color
91F148



Achromatopsia
C1C1C1



Achromatomaly
B0D295

CSS Examples

Text

The CSS property to change the color of the text to Hex 91F148 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 #91F148 looks like.

```
.text, #text, p{  
    color:#91F148  
}
```

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 #91F148 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #91F148
}
```

Border

The CSS property to change the border of an element to Hex 91F148 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
#91F148 }
```

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

```
.border{ border-color:#91F148 }
```

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

Here you see how a box with a 4 pixel #91F148 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #91F148; -webkit-box-shadow:4px 4px  
4px 4px #91F148; box-shadow:4px 4px 4px  
4px #91F148 }
```

Background

The CSS property to change the background color of an element to Hex 91F148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#91F148 }
```

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

```
.background{ background-color:#91F148 }
```

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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