

Converting Colors

Hex(91F471)

Have a look what the booklet for
Hex(91F471) contains.

Hex(91F471)	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(91F471)

Conversions

Conversions Part 1

Format	Color
Hex	91F471
RGB	145, 244, 113
RGB Percent	57%, 96%, 44%
CMY	0.4314, 0.0431, 0.5569
CMYK	0.41, 0.00, 0.54, 0.04
HSL	105°, 86%, 70%
HSV	105°, 54%, 96%
XYZ	47.0084, 71.9134, 27.0259
YIQ	199.4650, -16.9530, -61.7290

Conversions

Conversions Part 2

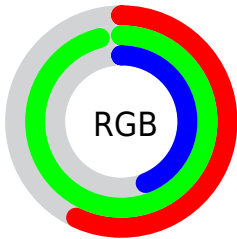
Format	Color
RYB	113, 244, 212
Decimal	9565297
CIELab	87.93, -52.55, 53.49
CIElCh	88, 74.987, 134.490
Yxy	71.9134, 0.3221, 0.4927
Android (android.graphics.Color)	4287755377 (0xFF91F471)
YUV	199.4650, -42.6272, -47.7658
Hunter-Lab	84.8017, -49.4547, 40.4658

Details

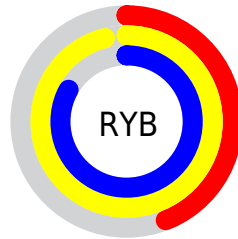
The Hex color **91F471** is a light color, and the websafe version is hex **99FF66**. A complement of this color would be **D471F4**, and the grayscale version is **C8C8C8**.

A 20% lighter version of the original color is **CBFFA8**, and **57BB3B** is the 20% darker color. If you saturate the color by 10%, you get **7FF459**, and if you desaturate by 10%, it is **A3F489**.

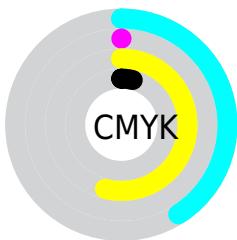
Distribution



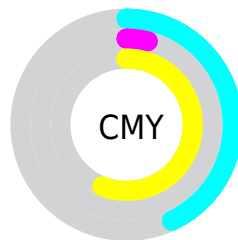
- Red (57%)
- Green (96%)
- Blue (44%)



- Red (44%)
- Yellow (96%)
- Blue (83%)



- Cyan (41%)
- Magenta (0%)
- Yellow (54%)
- Black (4%)



- Cyan (43%)
- Magenta (4%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 91F471 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 91F471 by changing the saturation by 10% instead.

 91F471

 91F471

FFFFFF

 74D756

 CBFFA8

 57BB3B

 E9FFC4

 389F1F

 FFFFEO

 0C8500

FFFFFFE

 006B00

 005100

 003900

 002300

 000000

 91F471

 91F471

 7FF459

 A3F489

 6CF440

 B6F4A2

 5AF428

 C8F4BA

 47F40F

 DBF4D3

 3CF400

 EDF4EB

 FFF4FF

Harmonies

Analogous

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



E2E446



91F471



00FDB4

Triad

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



91F471



00EFFF



FF9CBD

Complementary

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



91F471



D471F4

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.



FFA1FF



91F471



99D8FF

Square

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



91F471



00BFF



FFBFF



FFB07B

Rectangle

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



91F471



00FFE5



FFBBFF



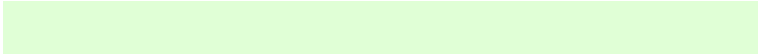
FF9BD5

Sweetspot

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



91F471



E0FFD6



F4D371



6D8067



000000



808080

Same Dimension

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



91F471



84FF5C



71F492



717A6E



2DBA00



0E3B00

Inverse Universe

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



D471F4



D75CFF



F471D3



776E7A



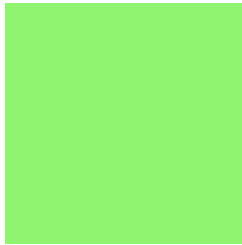
8D00BA



2C003B

Previews

White Background



This preview shows how the Hex color 91F471 looks on a white background.

Color Contrast Check

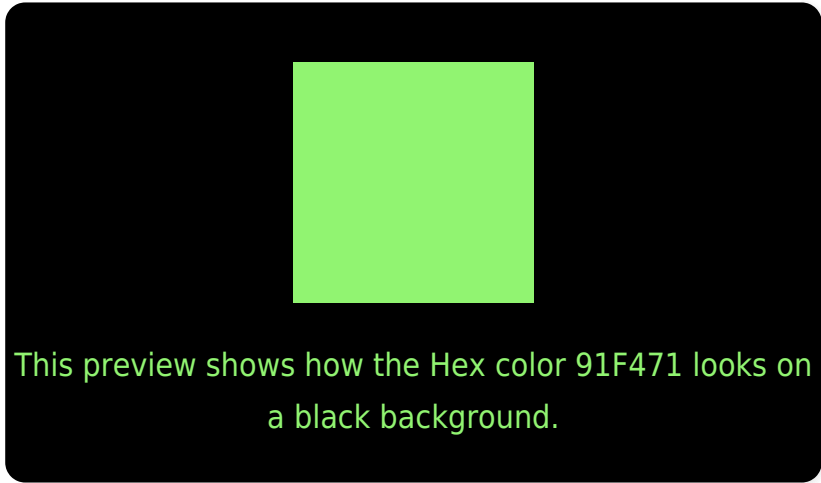
Large Text (above 18pt) WCAG AA × Fail

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

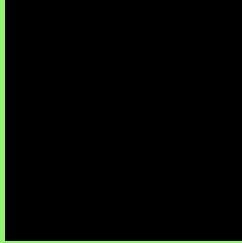
Any Text WCAG AA ✓ Pass

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 91F471 Background



This preview shows how black text looks on a background with the Hex color 91F471.

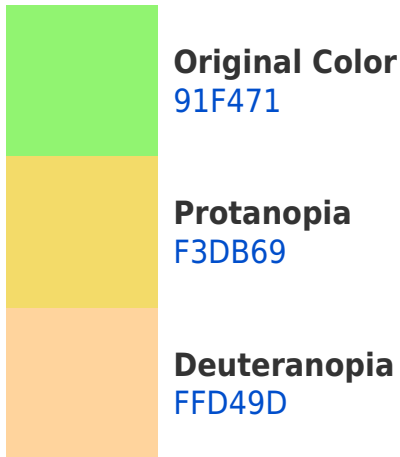


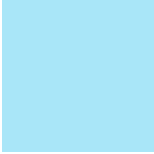
This preview shows how white text looks on a background with the Hex color 91F471.

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



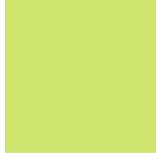


Tritanopia
A9E6F8

Trichromacy



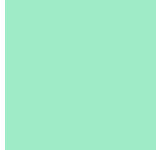
Original Color
91F471



Protanomaly
CFE46C



Deuteranomaly
D7E08D

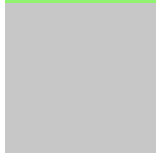


Tritanomaly
A0EBC7

Monochromacy



Original Color
91F471



Achromatopsia
C7C7C7



Achromatomaly
B3D7A8

CSS Examples

Text

The CSS property to change the color of the text to Hex 91F471 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 #91F471 looks like.

```
.text, #text, p{  
    color:#91F471  
}
```

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 #91F471 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #91F471
}
```

Border

The CSS property to change the border of an element to Hex 91F471 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
#91F471 }
```

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

```
.border{ border-color:#91F471 }
```

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

Here you see how a box with a 4 pixel #91F471 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #91F471; -webkit-box-shadow:4px 4px  
4px 4px #91F471; box-shadow:4px 4px 4px  
4px #91F471 }
```

Background

The CSS property to change the background color of an element to Hex 91F471 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#91F471 }
```

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

```
.background{ background-color:#91F471 }
```

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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