

Converting Colors

Hex(91EB48)

Have a look what the booklet for
Hex(91EB48) contains.

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Color

Hex(91EB48)

Conversions

Conversions Part 1

Format	Color
Hex	91EB48
RGB	145, 235, 72
RGB Percent	57%, 92%, 28%
CMY	0.4314, 0.0784, 0.7176
CMYK	0.38, 0.00, 0.69, 0.08
HSL	93°, 80%, 60%
HSV	93°, 69%, 92%
XYZ	42.5551, 65.9043, 16.6088
YIQ	189.5080, -1.3170, -69.7730

Conversions

Conversions Part 2

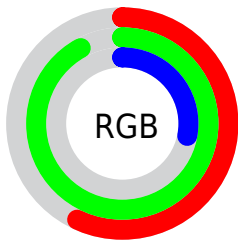
Format	Color
R _Y B	72, 235, 162
Decimal	9562952
CIE Lab	84.95, -52.61, 67.19
CIE LCh	85, 85.333, 128.063
Yxy	65.9043, 0.3403, 0.5269
Android (android.graphics.Color)	4287753032 (0xFF91EB48)
YUV	189.5080, -57.9314, -39.0335
Hunter-Lab	81.1815, -48.4984, 44.6970

Details

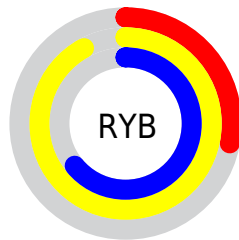
The Hex color **91EB48** is a light color, and the websafe version is hex **99FF66**. The color can be described as light muted chartreuse. A complement of this color would be **A248EB**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **CCFF81**, and **56B200** is the 20% darker color. If you saturate the color by 10%, you get **84EB31**, and if you desaturate by 10%, it is **9EEB60**.

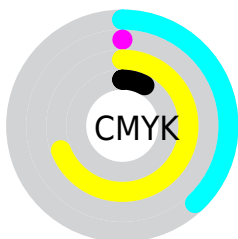
Distribution



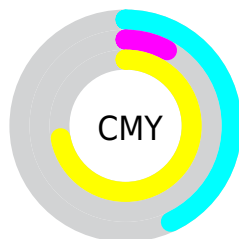
- Red (57%)
- Green (92%)
- Blue (28%)



- Red (28%)
- Yellow (92%)
- Blue (64%)



- Cyan (38%)
- Magenta (0%)
- Yellow (69%)
- Black (8%)




- Cyan (43%)
- Magenta (8%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 91EB48 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 91EB48 by changing the saturation by 10% instead.

 91EB48

 91EB48

FFFFFF

 74CE29

 CCFF81

 56B200

 EAFF9D

 369700

 FFFFBA

 067D00

 FFFFD7

 006300


 FFFFF4

 004A00

 003300

 001A00

 000000

 91EB48

 91EB48

 84EB31

 9EEB60

 77EB19

 ABEB77

 6AEB02

 B8EB8F

 69EB00

 C5EBA6

 D2EBBD

 DFEBD5

 ECEBEC

 F9EBFF

 FFE BFF

Harmonies

Analogous

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



E8D703



91EB48



00F694

Triad

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



91EB48



00EDFF



FF83C2

Complementary

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



91EB48



A248EB

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.



FF91FF



91EB48



22D6FF

Square

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



91EB48



00F8FF



F3B5FF



FF9875

Rectangle

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



91EB48



00F9CC



F3B5FF



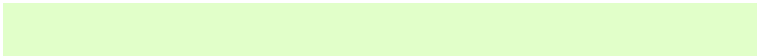
FF84DD

Sweetspot

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



91EB48



E1FFC9



EBA248



6E8060



000000



808080

Same Dimension

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



91EB48



8AFF2B



48EB50



6F756A



51B500



183600

Inverse Universe

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



A248EB



A02BFF



EB48E3



706A75



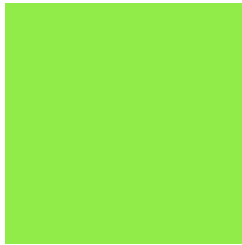
6400B5



1E0036

Previews

White Background



This preview shows how the Hex color 91EB48 looks on a white background.

Color Contrast Check

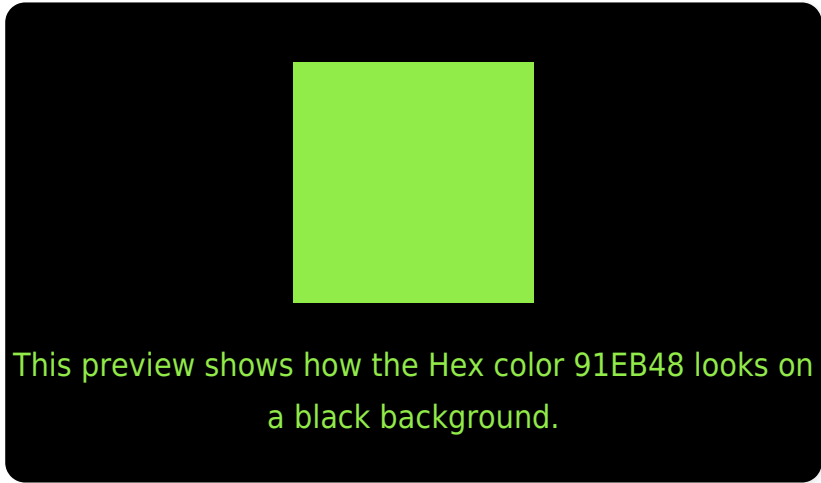
Large Text (above 18pt) WCAG AA × Fail

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

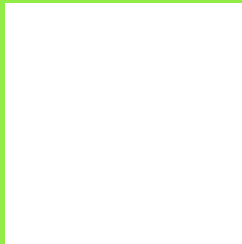
Any Text WCAG AAA ✓ Pass

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

Hex 91EB48 Background



This preview shows how black text looks on a background with the Hex color 91EB48.

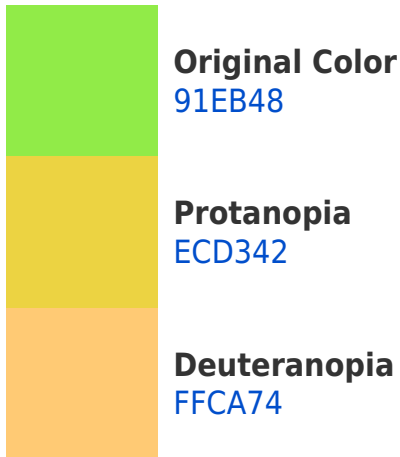


This preview shows how white text looks on a background with the Hex color 91EB48.

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](#).

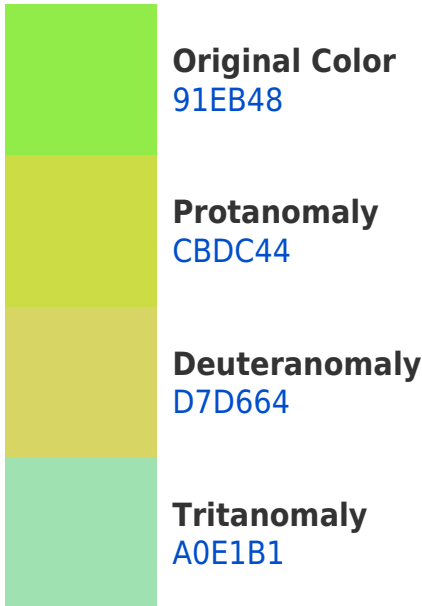
Dichromacy





Tritanopia
A9DCED

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 91EB48 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 #91EB48 looks like.

```
.text, #text, p{  
    color:#91EB48  
}
```

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 #91EB48 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #91EB48
}
```

Border

The CSS property to change the border of an element to Hex 91EB48 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
#91EB48 }
```

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

```
.border{ border-color:#91EB48 }
```

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

Here you see how a box with a 4 pixel #91EB48 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #91EB48; -webkit-box-shadow:4px 4px  
4px 4px #91EB48; box-shadow:4px 4px 4px  
4px #91EB48 }
```

Background

The CSS property to change the background color of an element to Hex 91EB48 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#91EB48 }
```

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

```
.background{ background-color:#91EB48 }
```

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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