

Converting Colors

Hex(91ED45)

Have a look what the booklet for
Hex(91ED45) contains.

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Color

Hex(91ED45)

Conversions

Conversions Part 1

Format	Color
Hex	91ED45
RGB	145, 237, 69
RGB Percent	57%, 93%, 27%
CMY	0.4314, 0.0706, 0.7294
CMYK	0.39, 0.00, 0.71, 0.07
HSL	93°, 82%, 60%
HSV	93°, 71%, 93%
XYZ	43.0354, 67.0178, 16.2977
YIQ	190.3400, -0.9040, -71.7520

Conversions

Conversions Part 2

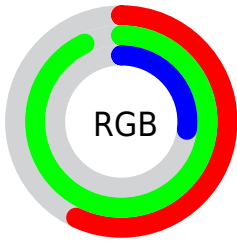
Format	Color
RYB	69, 237, 161
Decimal	9563461
CIELab	85.51, -53.61, 68.83
CIElCh	86, 87.248, 127.915
Yxy	67.0178, 0.3406, 0.5304
Android (android.graphics.Color)	4287753541 (0xFF91ED45)
YUV	190.3400, -59.8206, -39.7632
Hunter-Lab	81.8644, -49.4267, 45.5015

Details

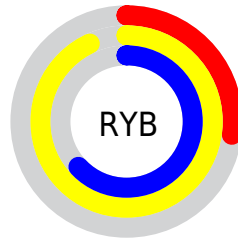
The Hex color **91ED45** is a light color, and the websafe version is hex **99FF66**. The color can be described as light muted chartreuse. A complement of this color would be **A145ED**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **CCFF7E**, and **55B400** is the 20% darker color. If you saturate the color by 10%, you get **84ED2D**, and if you desaturate by 10%, it is **9EED5D**.

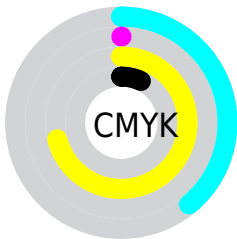
Distribution



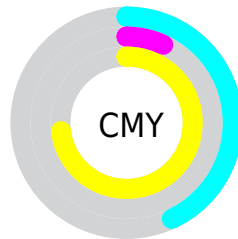
- Red (57%)
- Green (93%)
- Blue (27%)



- Red (27%)
- Yellow (93%)
- Blue (63%)



- Cyan (39%)
- Magenta (0%)
- Yellow (71%)
- Black (7%)



- Cyan (43%)
- Magenta (7%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 91ED45 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 91ED45 by changing the saturation by 10% instead.

 91ED45

 91ED45

FFFFFF

 74D024


 CCFF7E

 55B400

 EAFF9B

 359900

 FFFFB7

 027E00

 FFFFD4

 006500

 FFFFF2


 004C00

 003400

 001C00

 000000

 91ED45

 91ED45

 84ED2D

 9EED5D

 77ED16

 ABED74

 6BED00

 B8ED8C

 C5EDA4

 D2EDBB

 DFEDD3

 ECEDEB

 F9EDFF

 FFEDFF

Harmonies

Analogous

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



EAD900



91ED45



00F894

Triad

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



91ED45



00EFFF



FF82C3

Complementary

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



91ED45



A145ED

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



91ED45



00D8FF

Square

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



91ED45



00FAFF



F4B6FF



FF9774

Rectangle

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



91ED45



00FBCD



F4B6FF



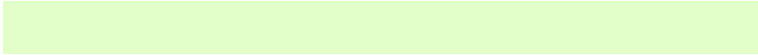
FF82DF

Sweetspot

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



91ED45



E2FFC9



ED9F45



6E8060



000000



808080

Same Dimension

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



91ED45



88FF26



45ED4B



6F756A



52B500



183600

Inverse Universe

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



A145ED



9D26FF



ED45E7



706A75



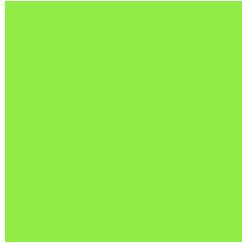
6300B5



1D0036

Previews

White Background



This preview shows how the Hex color 91ED45 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 91ED45 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 91ED45 Background



This preview shows how black text looks on a background with the Hex color 91ED45.

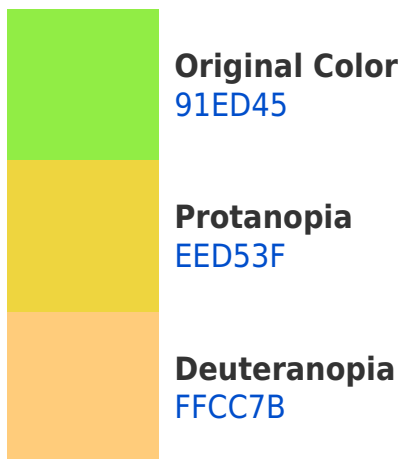


This preview shows how white text looks on a background with the Hex color 91ED45.

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](#).

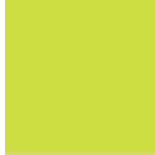
Dichromacy



Trichromacy



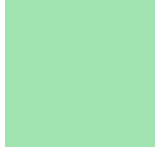
Original Color
91ED45



Protanomaly
CCDE41



Deuteranomaly
D7D867



Tritanomaly
A1E3B1

Monochromacy



Original Color
91ED45



Achromatopsia
BEBEBE



Achromatomaly
AECF92

CSS Examples

Text

The CSS property to change the color of the text to Hex 91ED45 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 #91ED45 looks like.

```
.text, #text, p{  
    color:#91ED45  
}
```

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 #91ED45 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #91ED45
}
```

Border

The CSS property to change the border of an element to Hex 91ED45 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
#91ED45 }
```

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

```
.border{ border-color:#91ED45 }
```

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

Here you see how a box with a 4 pixel #91ED45 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #91ED45; -webkit-box-shadow:4px 4px  
4px 4px #91ED45; box-shadow:4px 4px 4px  
4px #91ED45 }
```

Background

The CSS property to change the background color of an element to Hex 91ED45 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#91ED45 }
```

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

```
.background{ background-color:#91ED45 }
```

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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