

# Converting Colors

Hex(93ED68)

Have a look what the booklet for  
Hex(93ED68) contains.

<b>Hex(93ED68)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(93ED68)**

# Conversions

## Conversions Part 1

Format	Color
Hex	93ED68
RGB	147, 237, 104
RGB Percent	58%, 93%, 41%
CMY	0.4235, 0.0706, 0.5922
CMYK	0.38, 0.00, 0.56, 0.07
HSL	101°, 79%, 67%
HSV	101°, 56%, 93%
XYZ	44.8155, 67.7709, 23.8158
YIQ	194.9280, -10.9470, -60.4430

# Conversions

## Conversions Part 2

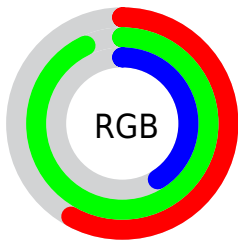
Format	Color
<a href="#">RYB</a>	<a href="#">104, 237, 194</a>
Decimal	<a href="#">9694568</a>
CIELab	<a href="#">85.89, -50.02, 55.17</a>
CIElCh	<a href="#">86, 74.474, 132.198</a>
Yxy	<a href="#">67.7709, 0.3286, 0.4968</a>
Android (android.graphics.Color)	<a href="#">4287884648 (0xFF93ED68)</a>
YUV	<a href="#">194.9280, -44.8275, -42.0329</a>
Hunter-Lab	<a href="#">82.3231, -46.8926, 40.4738</a>

# Details

The Hex color **93ED68** is a light color, and the websafe version is hex **99FF66**. A complement of this color would be **C268ED**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **CDFF9F**, and **5AB432** is the 20% darker color. If you saturate the color by 10%, you get **83ED50**, and if you desaturate by 10%, it is **A3ED80**.

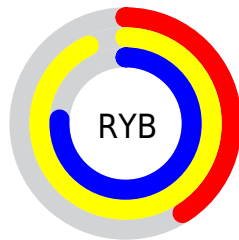
# Distribution



Red (58%)

Green (93%)

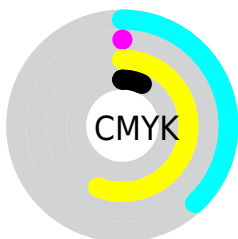
Blue (41%)



Red (41%)

Yellow (93%)

Blue (76%)

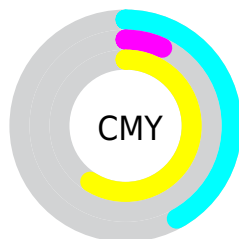


Cyan (38%)

Magenta (0%)

Yellow (56%)

Black (7%)



Cyan (42%)

Magenta (7%)

Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 93ED68 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 93ED68 by changing the saturation by 10% instead.



 93ED68

 93ED68

FFFFFF

 76D04D

 CDFF9F

 5AB432

 EBFFBB

 3B9911

 FFFFD7

 167F00

 FFFFF4

 006500

 004C00

 003400

 001D00

 000000

 93ED68

 93ED68

 83ED50

 A3ED80

 73ED39

 B3ED97

 63ED21

 C3EDAF

 53ED09

 D3EDC7

 4DED00

 E3EDDE

 F3EDF6

 FFEDFF

# Harmonies

## Analogous

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



E1DC40



93ED68



00F6A9

# Triad

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



93ED68



00EAFB



FF96BD

# Complementary

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



93ED68



C268ED

# 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.



FF9DFF



93ED68



86D5FF

# Square

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



93ED68



00F6FF



FFB8FF



FFA87B

# Rectangle

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



93ED68



00F9DA



FFB8FF



FF95D4

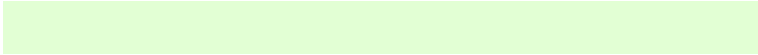


# Sweetspot

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



93ED68



E2FFD4



EDC168



6E8066



000000



808080



# Same Dimension

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



93ED68



8BFF54



68ED7E



6D756A



3BB500



113600



# Inverse Universe

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



C268ED



C854FF



ED68D7



726A75



7B00B5

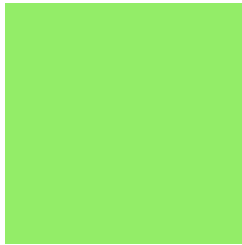


240036



# Previews

## White Background



This preview shows how the Hex color 93ED68 looks on a white background.

## Color Contrast Check

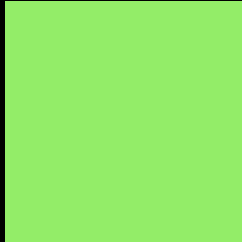
Large Text (above 18pt) WCAG AA × Fail

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 93ED68 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

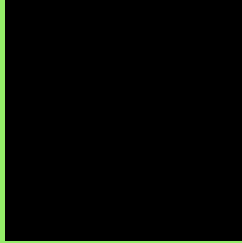
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 93ED68 Background



This preview shows how black text looks on a background with the Hex color 93ED68.

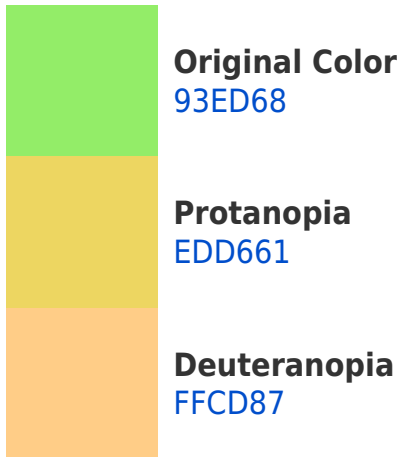


This preview shows how white text looks on a background with the Hex color 93ED68.

# 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](#).

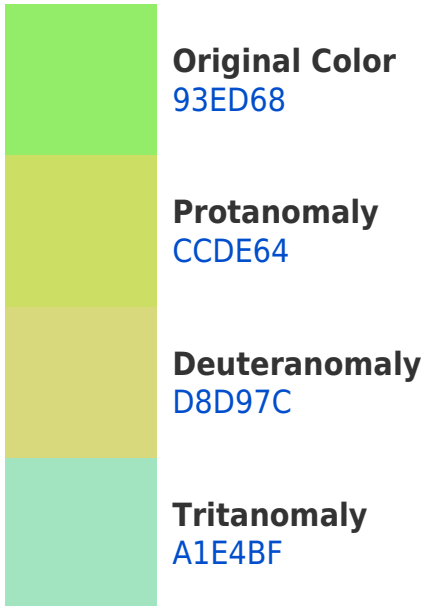
## Dichromacy



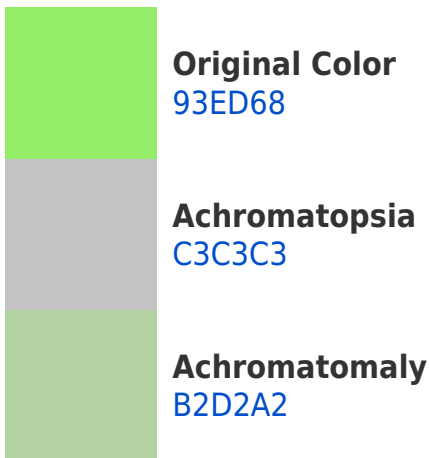


**Tritanopia**  
A9DFF1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 93ED68 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 #93ED68 looks like.

```
.text, #text, p{  
    color:#93ED68  
}
```

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 #93ED68 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #93ED68
}
```

## Border

The CSS property to change the border of an element to Hex 93ED68 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
#93ED68 }
```

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

```
.border{ border-color:#93ED68 }
```

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

Here you see how a box with a 4 pixel #93ED68 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #93ED68; -webkit-box-shadow:4px 4px  
4px 4px #93ED68; box-shadow:4px 4px 4px  
4px #93ED68 }
```

# Background

The CSS property to change the background color of an element to Hex 93ED68 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#93ED68 }
```

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

```
.background{ background-color:#93ED68 }
```

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