

# Converting Colors

Hex(93E259)

Have a look what the booklet for  
Hex(93E259) contains.

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**Color**

**Hex(93E259)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	93E259
RGB	147, 226, 89
RGB Percent	58%, 89%, 35%
CMY	0.4235, 0.1137, 0.6510
CMYK	0.35, 0.00, 0.61, 0.11
HSL	95°, 70%, 62%
HSV	95°, 61%, 89%
XYZ	41.0321, 61.3170, 19.1239
YIQ	186.7610, -3.1070, -59.3550

# Conversions

## Conversions Part 2

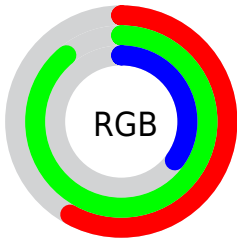
<b>Format</b>	<b>Color</b>
<b>RYB</b>	89, 226, 168
Decimal	9691737
CIELab	82.55, -46.89, 57.91
CIElCh	83, 74.511, 128.998
Yxy	61.3170, 0.3378, 0.5048
Android (android.graphics.Color)	4287881817 (0xFF93E259)
YUV	186.7610, -48.1962, -34.8704
Hunter-Lab	78.3052, -43.4996, 40.3336

# Details

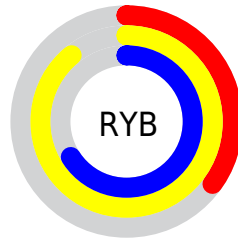
The Hex color **93E259** is a light color, and the websafe version is hex **66CC33**. The color can be described as light muted chartreuse. A complement of this color would be **A859E2**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **CDFF90**, and **5AAA20** is the 20% darker color. If you saturate the color by 10%, you get **86E242**, and if you desaturate by 10%, it is **A0E270**.

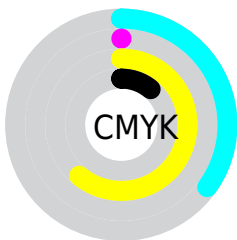
# Distribution



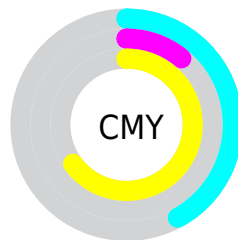
- Red (58%)
- Green (89%)
- Blue (35%)



- Red (35%)
- Yellow (89%)
- Blue (66%)



- Cyan (35%)
- Magenta (0%)
- Yellow (61%)
- Black (11%)



- Cyan (42%)
- Magenta (11%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 93E259 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 93E259 by changing the saturation by 10% instead.



 93E259

 93E259

FFFFFF

 77C63E

 CDFF90

 5AAA20

 EAFFAB

 3D8F00

 FFFFC8

 1B7500

 FFFF E5

 005C00

 004300

 002D00

 001000

 000000

 93E259

 93E259

 86E242

 A0E270

 79E22C

 ADE286

 6CE215

 BAE29D

 60E200

 C7E2B3

 D4E2CA

 E1E2E1

 EEE2F7

 FBE2FF

 FFE2FF

# Harmonies

## Analogous

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



DFD133



93E259



00EC99

# Triad

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



93E259



00E2FF



FF8CBB

# Complementary

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



93E259



A859E2

# 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.



FF96FF



93E259



63CEFF

# Square

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



93E259



00EDFF



ECB2FF



FF9C79

# Rectangle

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



93E259



00EFC9



ECB2FF



FF8CD3

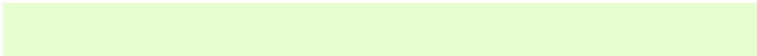


# Sweetspot

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



93E259



E5FFD1



E2A759



6F8063



000000



808080



# Same Dimension

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



93E259



94FF45



59E262



6A7065



4AB000



153000



# Inverse Universe

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



A859E2



B045FF



E259D9



6B6570



6500B0



1C0030



# Previews

## White Background



This preview shows how the Hex color 93E259 looks on a white background.

## Color Contrast Check

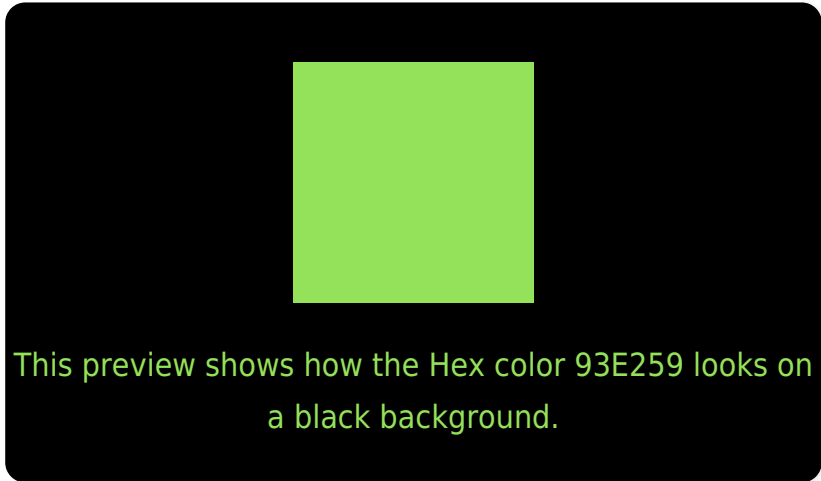
Large Text (above 18pt) WCAG AA × Fail

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 93E259 Background



This preview shows how black text looks on a background with the Hex color 93E259.

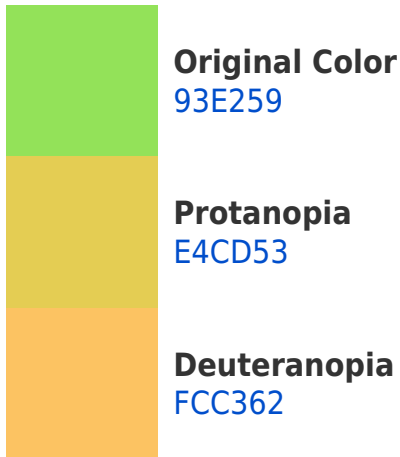


This preview shows how white text looks on a background with the Hex color 93E259.

# 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](#).

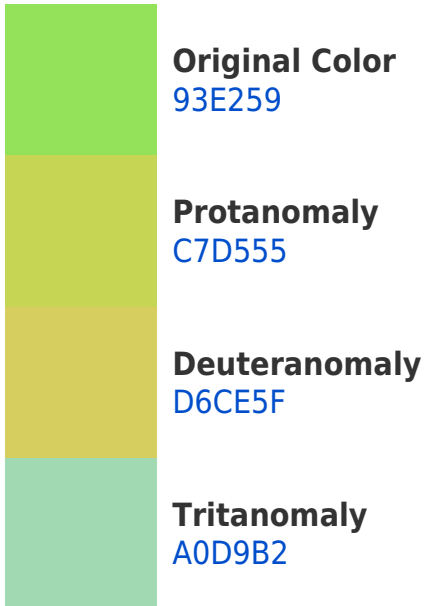
## Dichromacy



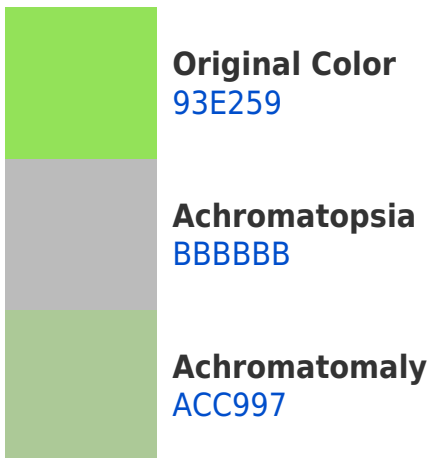


**Tritanopia**  
A8D4E5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 93E259 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 #93E259 looks like.

```
.text, #text, p{  
    color:#93E259  
}
```

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 #93E259 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #93E259
}
```

## Border

The CSS property to change the border of an element to Hex 93E259 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
#93E259 }
```

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

```
.border{ border-color:#93E259 }
```

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

Here you see how a box with a 4 pixel #93E259 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #93E259; -webkit-box-shadow:4px 4px  
4px 4px #93E259; box-shadow:4px 4px 4px  
4px #93E259 }
```

# Background

The CSS property to change the background color of an element to Hex 93E259 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#93E259 }
```

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

```
.background{ background-color:#93E259 }
```

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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