

# Converting Colors

Hex(92E35B)

Have a look what the booklet for  
Hex(92E35B) contains.

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**Color**

**Hex(92E35B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	92E35B
RGB	146, 227, 91
RGB Percent	57%, 89%, 36%
CMY	0.4275, 0.1098, 0.6431
CMYK	0.36, 0.00, 0.60, 0.11
HSL	96°, 71%, 62%
HSV	96°, 60%, 89%
XYZ	41.2115, 61.8045, 19.6549
YIQ	187.2770, -4.6200, -59.4680

# Conversions

## Conversions Part 2

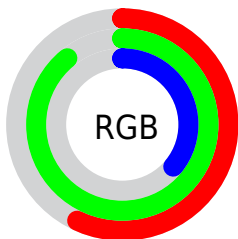
<b>Format</b>	<b>Color</b>
<b>RYB</b>	91, 227, 172
Decimal	9626459
CIELab	82.81, -47.46, 57.33
CIELCh	83, 74.427, 129.621
Yxy	61.8045, 0.3360, 0.5038
Android (android.graphics.Color)	4287816539 (0xFF92E35B)
YUV	187.2770, -47.4646, -36.1999
Hunter-Lab	78.6158, -44.0056, 40.2079

# Details

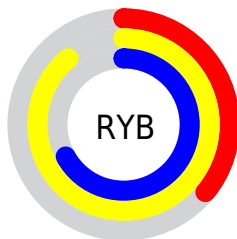
The Hex color **92E35B** is a light color, and the websafe version is hex **99FF66**. The color can be described as light muted chartreuse. A complement of this color would be **AC5BE3**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **CCFF91**, and **59AB22** is the 20% darker color. If you saturate the color by 10%, you get **84E344**, and if you desaturate by 10%, it is **A0E372**.

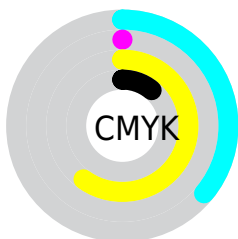
# Distribution



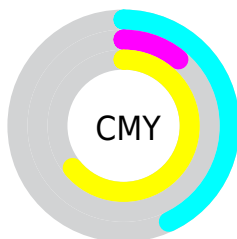
- Red (57%)
- Green (89%)
- Blue (36%)



- Red (36%)
- Yellow (89%)
- Blue (67%)



- Cyan (36%)
- Magenta (0%)
- Yellow (60%)
- Black (11%)



- Cyan (43%)
- Magenta (11%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 92E35B 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 92E35B by changing the saturation by 10% instead.



 92E35B

 92E35B

FFFFFF

 76C740

 CCFF91

 59AB22

 E9FFAD

 3C9000

 FFFFCA

 187600

 FFFF7E

 005C00

 004400

 002E00

 001200

 000000

 92E35B

 92E35B

 84E344

 A0E372

 77E32E

 ADE388

 69E317

 BBE39F

 5CE300

 C8E3B6

 D6E3CD

 E3E3E3

 F1E3FA

 FEE3FF

 FFE3FF

# Harmonies

## Analogous

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



DED235



92E35B



00ED9B

# Triad

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



92E35B



00E3FF



FF8DBA

# Complementary

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



92E35B



AC5BE3

# 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



92E35B



69CFFF

# Square

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



92E35B



00EDFF



EFB2FF



FF9D78

# Rectangle

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



92E35B



00EFCB



EFB2FF



FF8DD2

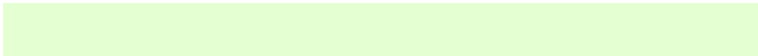


# Sweetspot

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



92E35B



E4FFD1



E3AA5B



6F8063



000000



808080



# Same Dimension

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



92E35B



92FF47



5BE366



6C7367



48B300



153300



# Inverse Universe

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



AC5BE3



B547FF



E35BD8



6E6773



6A00B3



1E0033



# Previews

## White Background



This preview shows how the Hex color 92E35B looks on a white background.

## Color Contrast Check

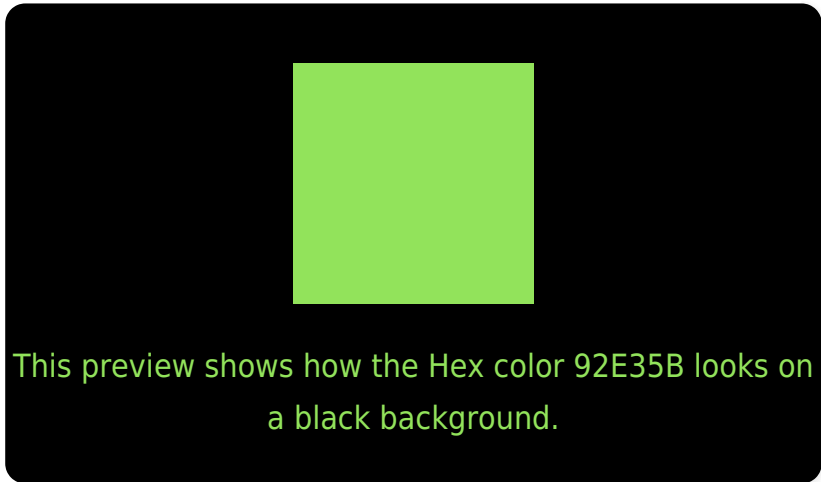
Large Text (above 18pt) WCAG AA × Fail

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

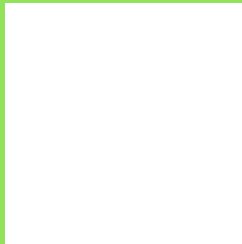
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 92E35B Background



This preview shows how black text looks on a background with the Hex color 92E35B.

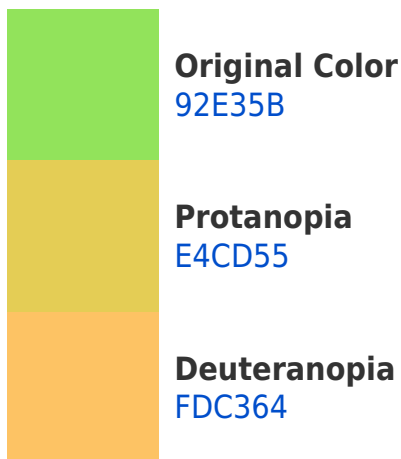


This preview shows how white text looks on a background with the Hex color 92E35B.

# 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](#).

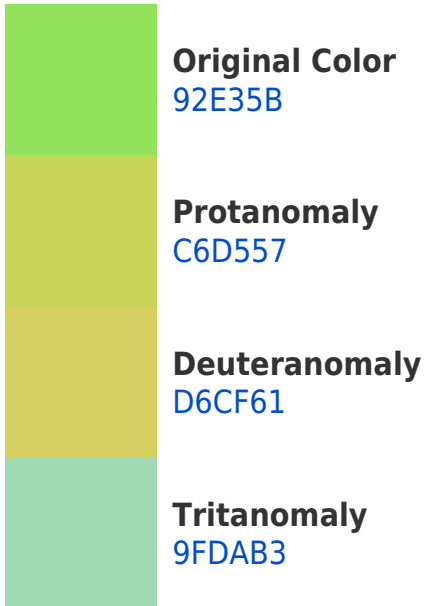
## Dichromacy



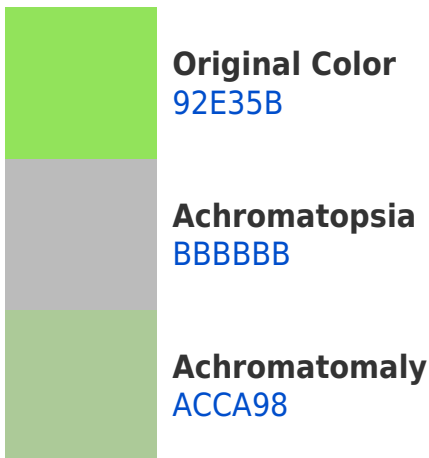


**Tritanopia**  
A7D5E6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 92E35B 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 #92E35B looks like.

```
.text, #text, p{  
    color:#92E35B  
}
```

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 #92E35B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #92E35B
}
```

## Border

The CSS property to change the border of an element to Hex 92E35B 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
#92E35B }
```

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

```
.border{ border-color:#92E35B }
```

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

Here you see how a box with a 4 pixel #92E35B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #92E35B; -webkit-box-shadow:4px 4px  
4px 4px #92E35B; box-shadow:4px 4px 4px  
4px #92E35B }
```

# Background

The CSS property to change the background color of an element to Hex 92E35B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#92E35B }
```

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

```
.background{ background-color:#92E35B }
```

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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