

Converting Colors

Hex(9EE53B)

Have a look what the booklet for
Hex(9EE53B) contains.

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Color

Hex(9EE53B)

Conversions

Conversions Part 1

Format	Color
Hex	9EE53B
RGB	158, 229, 59
RGB Percent	62%, 90%, 23%
CMY	0.3804, 0.1020, 0.7686
CMYK	0.31, 0.00, 0.74, 0.10
HSL	85°, 77%, 56%
HSV	85°, 74%, 90%
XYZ	42.9093, 63.6235, 14.1567
YIQ	188.3910, 12.2540, -67.9220

Conversions

Conversions Part 2

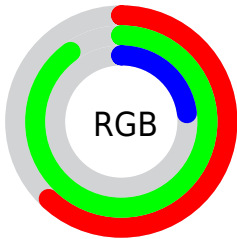
Format	Color
RYB	59, 229, 130
Decimal	10413371
CIELab	83.77, -46.47, 70.70
CIELCh	84, 84.603, 123.320
Yxy	63.6235, 0.3555, 0.5272
Android (android.graphics.Color)	4288603451 (0xFF9EE53B)
YUV	188.3910, -63.7898, -26.6529
Hunter-Lab	79.7643, -43.5634, 45.3122

Details

The Hex color **9EE53B** is a dark color, and the websafe version is hex **99CC00**. The color can be described as middle washed chartreuse. A complement of this color would be **823BE5**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **D9FF76**, and **64AD00** is the 20% darker color. If you saturate the color by 10%, you get **94E524**, and if you desaturate by 10%, it is **A8E552**.

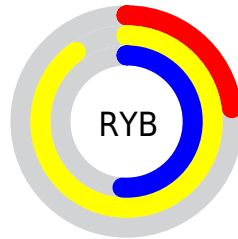
Distribution



Red (62%)

Green (90%)

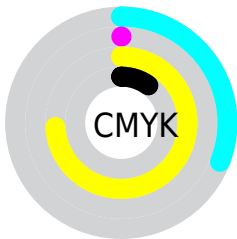
Blue (23%)



Red (23%)

Yellow (90%)

Blue (51%)

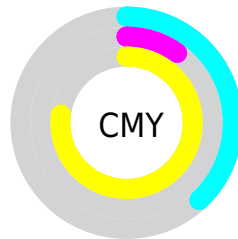


Cyan (31%)

Magenta (0%)

Yellow (74%)

Black (10%)



Cyan (38%)

Magenta (10%)

Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9EE53B 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 9EE53B by changing the saturation by 10% instead.

 9EE53B

 9EE53B

FFFFFF

 81C915

 D9FF76

 64AD00

 F7FF92

 479200

 FFFFAF

 277800

 FFFFCC

 005F00

 FFFFEE9

 004600

 002F00

 001600

 000000

 9EE53B

 9EE53B

 94E524

 A8E552

 8BE50D

 B1E569

 85E500

 BBE580

 C4E597

 CEE5AD

 D7E5C4

 E1E5DB

 EBE5F2

 F4E5FF

Harmonies

Analogous

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



F0D000



9EE53B



00F185

Triad

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



9EE53B



00ECFF



FF80CB

Complementary

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



9EE53B



823BE5

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.



FF93FF



9EE53B



00D7FF

Square

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



9EE53B



00F5FF



DCB8FF



FF907E

Rectangle

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



9EE53B



00F5BC



DCB8FF



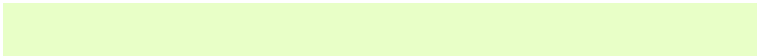
FF83E6

Sweetspot

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



9EE53B



E8FFC7



E5823B



72805E



000000



808080

Same Dimension

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



9EE53B



A0FF1C



49E53B



6E7367



68B300



1E3300

Inverse Universe

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



823BE5



7B1CFF



D73BE5



6C6773



4B00B3



150033

Previews

White Background



This preview shows how the Hex color 9EE53B looks on a white background.

Color Contrast Check

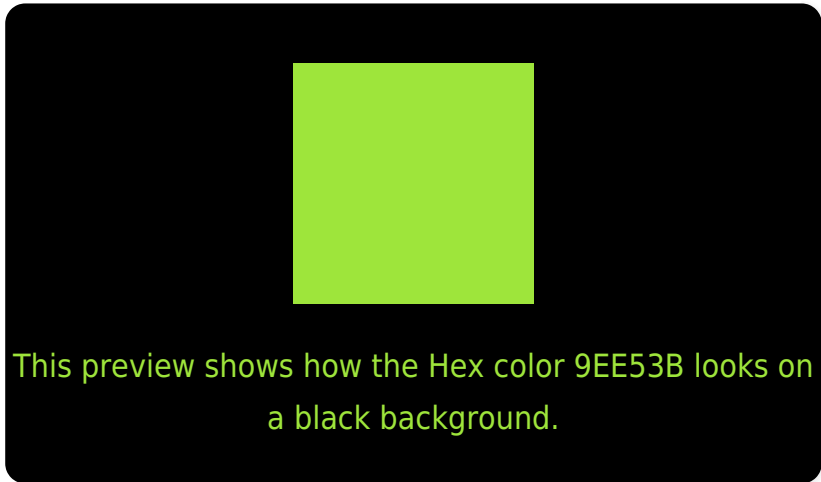
Large Text (above 18pt) WCAG AA × Fail

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 9EE53B Background



This preview shows how black text looks on a background with the Hex color 9EE53B.

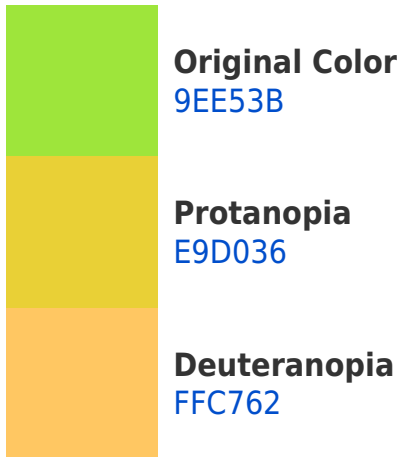


This preview shows how white text looks on a background with the Hex color 9EE53B.

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
B3D6E7

Trichromacy



Original Color
9EE53B



Protanomaly
CED838



Deuteranomaly
DCD254



Tritanomaly
ABDBA8

Monochromacy



Original Color
9EE53B



Achromatopsia
BCBCBC



Achromatomaly
B1CB8D

CSS Examples

Text

The CSS property to change the color of the text to Hex 9EE53B 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 #9EE53B looks like.

```
.text, #text, p{  
    color:#9EE53B  
}
```

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 #9EE53B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9EE53B
}
```

Border

The CSS property to change the border of an element to Hex 9EE53B 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
#9EE53B }
```

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

```
.border{ border-color:#9EE53B }
```

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

Here you see how a box with a 4 pixel #9EE53B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9EE53B; -webkit-box-shadow:4px 4px  
4px 4px #9EE53B; box-shadow:4px 4px 4px  
4px #9EE53B }
```

Background

The CSS property to change the background color of an element to Hex 9EE53B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9EE53B }
```

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

```
.background{ background-color:#9EE53B }
```

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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