

Converting Colors

Hex(9EE558)

Have a look what the booklet for
Hex(9EE558) contains.

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Color

Hex(9EE558)

Conversions

Conversions Part 1

Format	Color
Hex	9EE558
RGB	158, 229, 88
RGB Percent	62%, 90%, 35%
CMY	0.3804, 0.1020, 0.6549
CMYK	0.31, 0.00, 0.62, 0.10
HSL	90°, 73%, 62%
HSV	90°, 62%, 90%
XYZ	43.8813, 64.0123, 19.2753
YIQ	191.6970, 2.9450, -58.9030

Conversions

Conversions Part 2

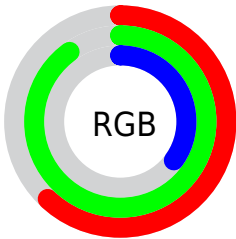
Format	Color
RYB	88, 229, 159
Decimal	10413400
CIELab	83.97, -44.47, 60.07
CIELCh	84, 74.738, 126.516
Yxy	64.0123, 0.3451, 0.5034
Android (android.graphics.Color)	4288603480 (0xFF9EE558)
YUV	191.6970, -51.1226, -29.5523
Hunter-Lab	80.0077, -42.1127, 41.7213

Details

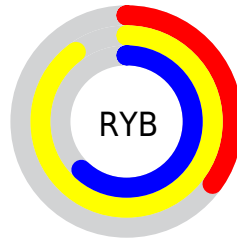
The Hex color **9EE558** is a light color, and the websafe version is hex **99CC33**. The color can be described as light muted chartreuse. A complement of this color would be **9F58E5**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **D8FF8F**, and **65AD1D** is the 20% darker color. If you saturate the color by 10%, you get **92E541**, and if you desaturate by 10%, it is **AAE56F**.

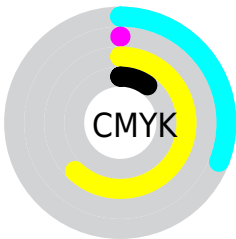
Distribution



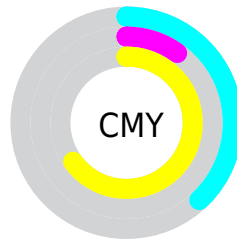
- Red (62%)
- Green (90%)
- Blue (35%)



- Red (35%)
- Yellow (90%)
- Blue (62%)



- Cyan (31%)
- Magenta (0%)
- Yellow (62%)
- Black (10%)



- Cyan (38%)
- Magenta (10%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9EE558 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 9EE558 by changing the saturation by 10% instead.

 9EE558

 9EE558

FFFFFF

 82C93C

 D8FF8F

 65AD1D

 F6FFAB

 499200

 FFFFC7

 2A7800

 FFFFE4

 005E00

 004600

 002F00

 001600

 000000

 9EE558

 9EE558

 92E541

 AAE56F

 87E52A

 B5E586

 7BE513

 C1E59D

 72E500

 CCE5B4

 D8E5CB

 E3E5E1

 EFE5F8

 FAE5FF

 FFE5FF

Harmonies

Analogous

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



E8D336



9EE558



00EF96

Triad

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



9EE558



00E8FF



FF8FC5

Complementary

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



9EE558



9F58E5

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.



FF9BFF



9EE558



54D4FF

Square

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



9EE558



00F1FF



E9B8FF



FF9E81

Rectangle

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



9EE558



00F3C7



E9B8FF



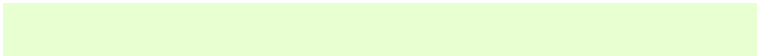
FF90DD

Sweetspot

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



9EE558



E8FFD1



E59F58



718063



000000



808080

Same Dimension

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



9EE558



A0FF42



58E558



6D7367



59B300



193300

Inverse Universe

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



9F58E5



A142FF



E558E5



6D6773



5A00B3



1A0033

Previews

White Background



This preview shows how the Hex color 9EE558 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 9EE558 Background



This preview shows how black text looks on a background with the Hex color 9EE558.

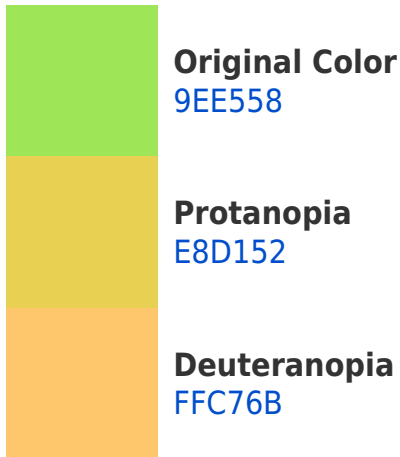


This preview shows how white text looks on a background with the Hex color 9EE558.

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



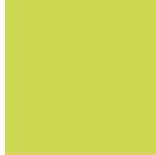


Tritanopia
B2D7E8

Trichromacy



Original Color
9EE558



Protanomaly
CDD854



Deuteranomaly
DCD264

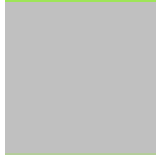


Tritanomaly
ABDCB4

Monochromacy



Original Color
9EE558



Achromatopsia
C0C0C0



Achromatomaly
B4CD9A

CSS Examples

Text

The CSS property to change the color of the text to Hex 9EE558 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 #9EE558 looks like.

```
.text, #text, p{  
    color:#9EE558  
}
```

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 #9EE558 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9EE558
}
```

Border

The CSS property to change the border of an element to Hex 9EE558 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
#9EE558 }
```

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

```
.border{ border-color:#9EE558 }
```

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

Here you see how a box with a 4 pixel #9EE558 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9EE558; -webkit-box-shadow:4px 4px  
4px 4px #9EE558; box-shadow:4px 4px 4px  
4px #9EE558 }
```

Background

The CSS property to change the background color of an element to Hex 9EE558 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9EE558 }
```

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

```
.background{ background-color:#9EE558 }
```

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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