

Converting Colors

Hex(9EED00)

Have a look what the booklet for
Hex(9EED00) contains.

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Color

Hex(9EED00)

Conversions

Conversions Part 1

Format	Color
Hex	9EED00
RGB	158, 237, 0
RGB Percent	62%, 93%, 0%
CMY	0.3804, 0.0706, 1.0000
CMYK	0.33, 0.00, 1.00, 0.07
HSL	80°, 100%, 46%
HSV	80°, 100%, 93%
XYZ	44.3847, 67.8375, 10.7546
YIQ	186.3610, 28.9930, -90.4550

Conversions

Conversions Part 2

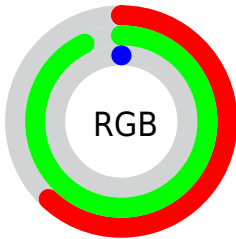
Format	Color
RYB	0, 237, 79
Decimal	10415360
CIELab	85.93, -51.42, 83.28
CIELCh	86, 97.877, 121.691
Yxy	67.8375, 0.3609, 0.5516
Android (android.graphics.Color)	4288605440 (0xFF9EED00)
YUV	186.3610, -91.8760, -24.8726
Hunter-Lab	82.3635, -47.9446, 49.9127

Details

The Hex color **9EED00** is a dark color, and the websafe version is hex **99FF33**. The color can be described as dark washed chartreuse. A complement of this color would be **4F00ED**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **DAFF5A**, and **62B500** is the 20% darker color. If you saturate the color by 10%, you get **9EED00**, and if you desaturate by 10%, it is **A6ED18**.

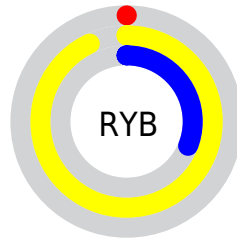
Distribution



Red (62%)

Green (93%)

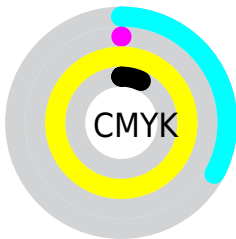
Blue (0%)



Red (0%)

Yellow (93%)

Blue (31%)

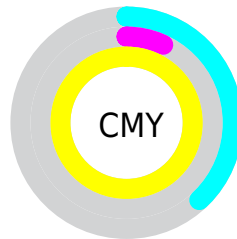


Cyan (33%)

Magenta (0%)

Yellow (100%)

Black (7%)



Cyan (38%)

Magenta (7%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9EED00 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 9EED00 by changing the saturation by 10% instead.

 9EED00

 9EED00

FFFFFF

 80D000

 DAFF5A

 62B500

 F9FF79

 429900

 FFFF96

 1E7F00

 FFFFB4

 006500

 FFFFFD2

 004C00

 FFFFF0

 003500

 001D00

 000000

 9EED00

 A6ED18

 AEED2F

 B6ED47

 BEED5F

 C5ED76

 CEED8E

 D5EDA6

 DEEDBE

 E5EDD5

Harmonies

Analogous

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



FCD500



9EED00



00FA79

Triad

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



9EED00



00F7FF



FF6FD6

Complementary

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



9EED00



4F00ED

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.



FF8DFF



9EED00



00E1FF

Square

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



9EED00



00FFFF



D9BBFF



FF847B

Rectangle

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



9EED00



00FFB9



D9BBFF



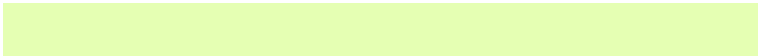
FF74F5

Sweetspot

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



9EED00



E5FFB3



ED4F00



708052



000000



808080

Same Dimension

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



9EED00



AAFF00



27ED00



71756A



79B500



243600

Inverse Universe

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



4F00ED



5500FF



C600ED



6D6A75



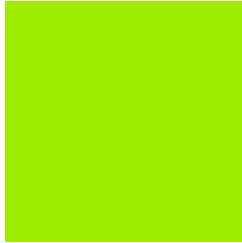
3C00B5



120036

Previews

White Background



This preview shows how the Hex color 9EED00 looks on a white background.

Color Contrast Check

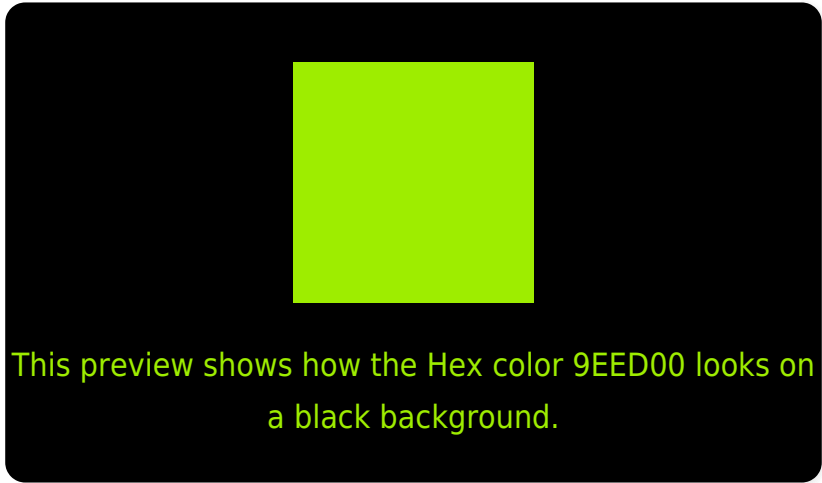
Large Text (above 18pt) WCAG AA × Fail

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 9EED00 Background



This preview shows how black text looks on a background with the Hex color 9EED00.

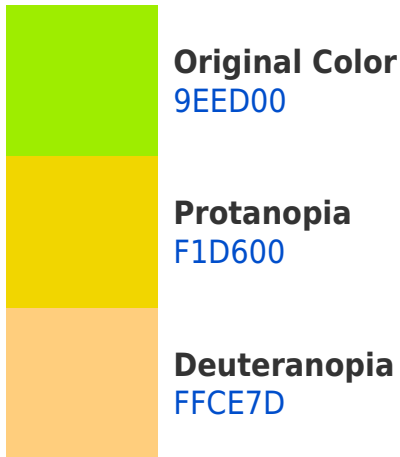


This preview shows how white text looks on a background with the Hex color 9EED00.

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



Trichromacy



Original Color
9EED00



Protanomaly
D3DE00



Deuteranomaly
DCD950

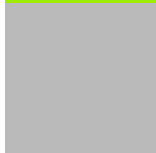


Tritanomaly
ADE297

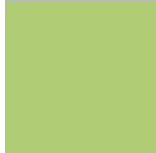
Monochromacy



Original Color
9EED00



Achromatopsia
BABABA



Achromatomaly
B0CD76

CSS Examples

Text

The CSS property to change the color of the text to Hex 9EED00 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 #9EED00 looks like.

```
.text, #text, p{  
    color:#9EED00  
}
```

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 #9EED00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9EED00
}
```

Border

The CSS property to change the border of an element to Hex 9EED00 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
#9EED00 }
```

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

```
.border{ border-color:#9EED00 }
```

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

Here you see how a box with a 4 pixel #9EED00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9EED00; -webkit-box-shadow:4px 4px  
4px 4px #9EED00; box-shadow:4px 4px 4px  
4px #9EED00 }
```

Background

The CSS property to change the background color of an element to Hex 9EED00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9EED00 }
```

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

```
.background{ background-color:#9EED00 }
```

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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