

# Converting Colors

Hex(98E200)

Have a look what the booklet for  
Hex(98E200) contains.

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**Color**

**Hex(98E200)**

# Conversions

## Conversions Part 1

Format	Color
Hex	98E200
RGB	152, 226, 0
RGB Percent	60%, 89%, 0%
CMY	0.4039, 0.1137, 1.0000
CMYK	0.33, 0.00, 1.00, 0.11
HSL	80°, 100%, 44%
HSV	80°, 100%, 89%
XYZ	40.1453, 61.0681, 9.6715
YIQ	178.1100, 28.4420, -85.9740

# Conversions

## Conversions Part 2

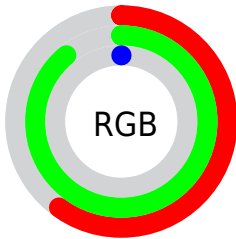
Format	Color
<a href="#">RYB</a>	0, 226, 74
Decimal	10019328
CIELab	82.42, -49.06, 80.45
CIELCh	82, 94.223, 121.375
Yxy	61.0681, 0.3620, 0.5507
Android (android.graphics.Color)	4288209408 (0xFF98E200)
YUV	178.1100, -87.8082, -22.8985
Hunter-Lab	78.1461, -45.0565, 47.3645

# Details

The Hex color **98E200** is a dark color, and the websafe version is hex **99CC00**. The color can be described as dark washed chartreuse. A complement of this color would be **4A00E2**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **D4FF58**, and **5DAA00** is the 20% darker color. If you saturate the color by 10%, you get **98E200**, and if you desaturate by 10%, it is **9FE217**.

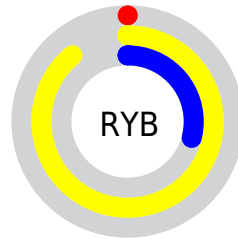
# Distribution



Red (60%)

Green (89%)

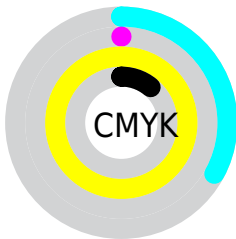
Blue (0%)



Red (0%)

Yellow (89%)

Blue (29%)

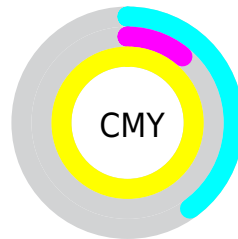


Cyan (33%)

Magenta (0%)

Yellow (100%)

Black (11%)



Cyan (40%)

Magenta (11%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 98E200 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 98E200 by changing the saturation by 10% instead.



 98E200

 98E200

FFFFFF

 7AC600

 D4FF58

 5DAA00

 F2FF76

 3D8F00

 FFFF93

 187500

 FFFFB0

 005C00

 FFFFCE

 004300

 FFFFEC

 002D00

 001000

 000000

 98E200

 9FE217

 A7E22D

 AEE244

 B6E25A

 BDE271

 C4E288

 CCE29E

 D3E2B5

 DBE2CB

# Harmonies

## Analogous

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



F1CB00



98E200



00EF73

# Triad

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



98E200



00ECFF



FF6BCD

# Complementary

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



98E200



4A00E2

# 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.



FF87FF



98E200



00D7FF

# Square

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



98E200



00F4FF



CDB3FF



FF7E76

# Rectangle

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



98E200



00F3B0



CDB3FF



FF6FEB

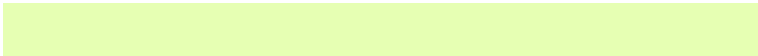


# Sweetspot

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



98E200



E6FFB3



E24800



708052



000000



808080



# Same Dimension

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



98E200



ACFF00



29E200



6D7065



76B000



213000



# Inverse Universe

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



4A00E2



5300FF



B900E2



696570



3A00B0

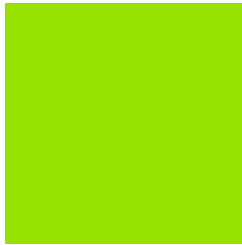


100030



# Previews

## White Background



This preview shows how the Hex color 98E200 looks on a white background.

## Color Contrast Check

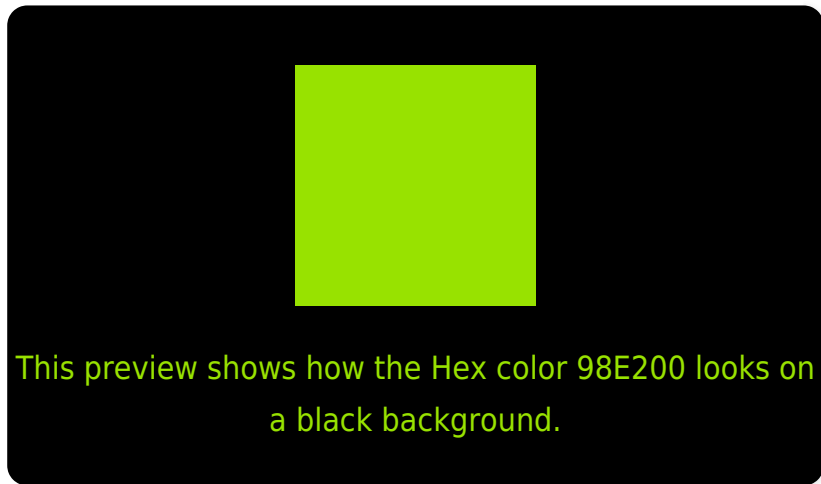
Large Text (above 18pt) WCAG AA × Fail

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 98E200 Background



This preview shows how black text looks on a background with the Hex color 98E200.

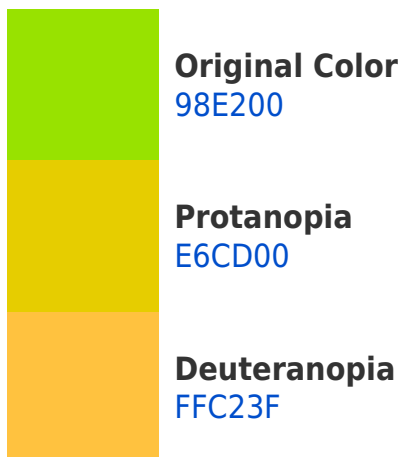


This preview shows how white text looks on a background with the Hex color 98E200.

# 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](#).

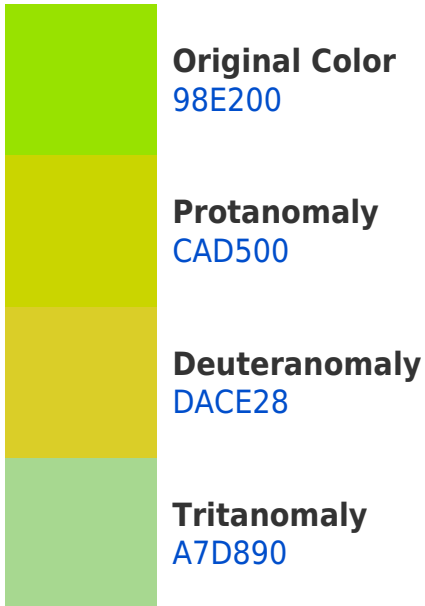
## Dichromacy



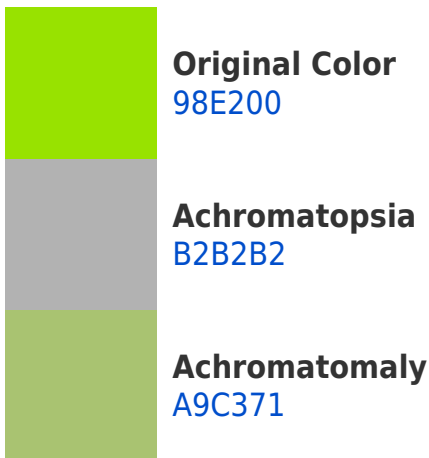


**Tritanopia**  
AFD2E3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 98E200 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 #98E200 looks like.

```
.text, #text, p{  
    color:#98E200  
}
```

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 #98E200 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #98E200
}
```

## Border

The CSS property to change the border of an element to Hex 98E200 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
#98E200 }
```

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

```
.border{ border-color:#98E200 }
```

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

Here you see how a box with a 4 pixel #98E200 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #98E200; -webkit-box-shadow:4px 4px  
4px 4px #98E200; box-shadow:4px 4px 4px  
4px #98E200 }
```

# Background

The CSS property to change the background color of an element to Hex 98E200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#98E200 }
```

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

```
.background{ background-color:#98E200 }
```

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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