

Converting Colors

Hex(98E30C)

Have a look what the booklet for
Hex(98E30C) contains.

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Color

Hex(98E30C)

Conversions

Conversions Part 1

Format	Color
Hex	98E30C
RGB	152, 227, 12
RGB Percent	60%, 89%, 5%
CMY	0.4039, 0.1098, 0.9529
CMYK	0.33, 0.00, 0.95, 0.11
HSL	81°, 90%, 47%
HSV	81°, 95%, 89%
XYZ	40.4843, 61.6401, 10.1118
YIQ	180.0650, 24.3150, -82.7650

Conversions

Conversions Part 2

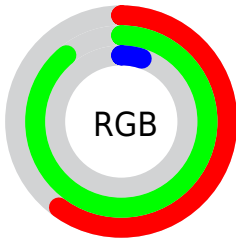
Format	Color
RYB	12, 227, 87
Decimal	10019596
CIELab	82.72, -49.32, 79.64
CIELCh	83, 93.676, 121.772
Yxy	61.6401, 0.3607, 0.5492
Android (android.graphics.Color)	4288209676 (0xFF98E30C)
YUV	180.0650, -82.8560, -24.6130
Hunter-Lab	78.5112, -45.3510, 47.3216

Details

The Hex color **98E30C** 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 **570CE3**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **D4FF5B**, and **5DAB00** is the 20% darker color. If you saturate the color by 10%, you get **94E300**, and if you desaturate by 10%, it is **A0E323**.

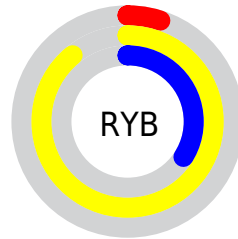
Distribution



Red (60%)

Green (89%)

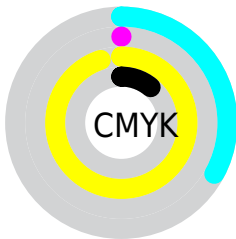
Blue (5%)



Red (5%)

Yellow (89%)

Blue (34%)

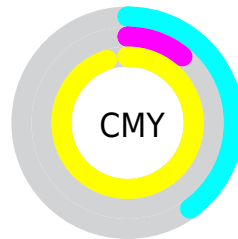


Cyan (33%)

Magenta (0%)

Yellow (95%)

Black (11%)



Cyan (40%)

Magenta (11%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 98E30C 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 98E30C by changing the saturation by 10% instead.

 98E30C

 98E30C

FFFFFF

 7AC700

 D4FF5B

 5DAB00

 F2FF79

 3D9000

 FFFF96

 187600

 FFFFB3

 005D00

 FFFFD1

 004400

 FFFFEE

 002E00

 001100

 000000

 98E30C

 98E30C

 94E300

 A0E323

 A8E339

 B0E350

 B8E367

 C0E37D

 C8E394

 CFE3AB

 D7E3C2

 DFE3D8

Harmonies

Analogous

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



F1CC00



98E30C



00F075

Triad

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



98E30C



00ECFF



FF6DCD

Complementary

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



98E30C



570CE3

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.



FF88FF



98E30C



00D7FF

Square

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



98E30C



00F5FF



D0B4FF



FF8077

Rectangle

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



98E30C



00F4B2



D0B4FF



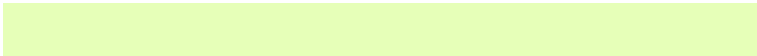
FF71EA

Sweetspot

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



98E30C



E6FFB8



E3540C



708054



000000



808080

Same Dimension

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



98E30C



A6FF00



30E30C



6F7367



74B300



213300

Inverse Universe

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



570CE3



5900FF



BF0CE3



6B6773



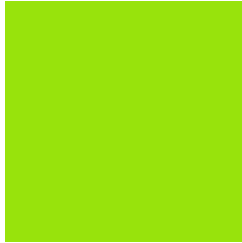
3E00B3



120033

Previews

White Background



This preview shows how the Hex color 98E30C looks on a white background.

Color Contrast Check

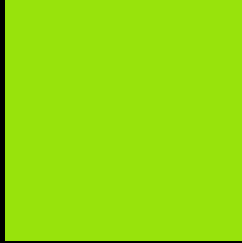
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 98E30C looks on a 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 98E30C Background



This preview shows how black text looks on a background with the Hex color 98E30C.

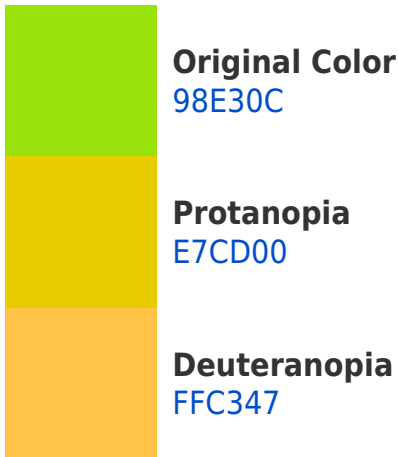


This preview shows how white text looks on a background with the Hex color 98E30C.

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](#).

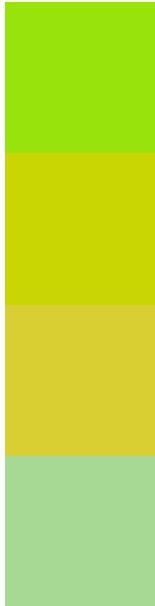
Dichromacy





Tritanopia
AFD3E4

Trichromacy



Original Color
98E30C

Protanomaly
CAD504

Deuteranomaly
DACF32

Tritanomaly
A7D995

Monochromacy



Original Color
98E30C

Achromatopsia
B4B4B4

Achromatomaly
AAC577

CSS Examples

Text

The CSS property to change the color of the text to Hex 98E30C 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 #98E30C looks like.

```
.text, #text, p{  
    color:#98E30C  
}
```

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 #98E30C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #98E30C
}
```

Border

The CSS property to change the border of an element to Hex 98E30C 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
#98E30C }
```

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

```
.border{ border-color:#98E30C }
```

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

Here you see how a box with a 4 pixel #98E30C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #98E30C; -webkit-box-shadow:4px 4px  
4px 4px #98E30C; box-shadow:4px 4px 4px  
4px #98E30C }
```

Background

The CSS property to change the background color of an element to Hex 98E30C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#98E30C }
```

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

```
.background{ background-color:#98E30C }
```

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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