

Converting Colors

Hex(98C827)

Have a look what the booklet for
Hex(98C827) contains.

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Color

Hex(98C827)

Conversions

Conversions Part 1

Format	Color
Hex	98C827
RGB	152, 200, 39
RGB Percent	60%, 78%, 15%
CMY	0.4039, 0.2157, 0.8471
CMYK	0.24, 0.00, 0.80, 0.22
HSL	78°, 67%, 47%
HSV	78°, 80%, 78%
XYZ	33.9694, 48.1304, 9.4192
YIQ	167.2940, 23.0730, -60.2470

Conversions

Conversions Part 2

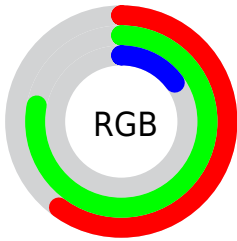
Format	Color
RYB	39, 200, 87
Decimal	10012711
CIELab	74.91, -37.01, 68.28
CIELCh	75, 77.669, 118.459
Yxy	48.1304, 0.3712, 0.5259
Android (android.graphics.Color)	4288202791 (0xFF98C827)
YUV	167.2940, -63.2489, -13.4128
Hunter-Lab	69.3761, -34.0073, 40.5135

Details

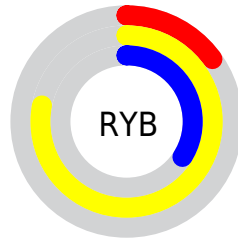
The Hex color **98C827** is a dark color, and the websafe version is hex **99CC33**. The color can be described as dark muted chartreuse. A complement of this color would be **5727C8**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **D2FF63**, and **609200** is the 20% darker color. If you saturate the color by 10%, you get **92C813**, and if you desaturate by 10%, it is **9EC83B**.

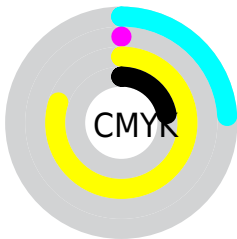
Distribution



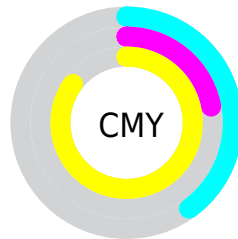
- Red (60%)
- Green (78%)
- Blue (15%)



- Red (15%)
- Yellow (78%)
- Blue (34%)



- Cyan (24%)
- Magenta (0%)
- Yellow (80%)
- Black (22%)



- Cyan (40%)
- Magenta (22%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 98C827 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 98C827 by changing the saturation by 10% instead.

 98C827

 98C827

FFFFFF

 7CAD00

 D2FF63

 609200

 F0FF7F

 437800

 FFFF9B

 265F00

 FFFFB8

 004700

 FFFFD5

 003000

 FFFFF2

 001A00

 000000

 98C827

 98C827

■ 92C813

■ 9EC83B

■ 8CC800

■ A4C84F

■ AAC863

■ B0C877

■ B6C88B

■ BCC89F

■ C2C8B3

■ C8C8C7

■ CEC8DB

Harmonies

Analogous

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



DEB400



98C827



0FD469

Triad

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



98C827



00D2FF



FF70BF

Complementary

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



98C827



5727C8

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.



FF86FF



98C827



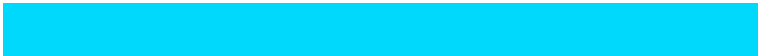
00C2FF

Square

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



98C827



00D9FB



AFA7FF



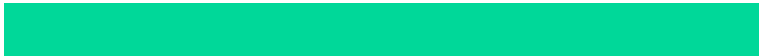
FF7A79

Rectangle

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



98C827



00D899



AFA7FF



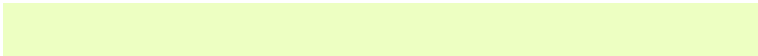
FF75D7

Sweetspot

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



98C827



EDFFC2



C85527



74805B



000000



808080

Same Dimension

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



98C827



B5FF08



4AC827



60635A



73A300



192400

Inverse Universe

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



5727C8



5108FF



A527C8



5C5A63



3100A3



0B0024

Previews

White Background



This preview shows how the Hex color 98C827 looks on a white background.

Color Contrast Check

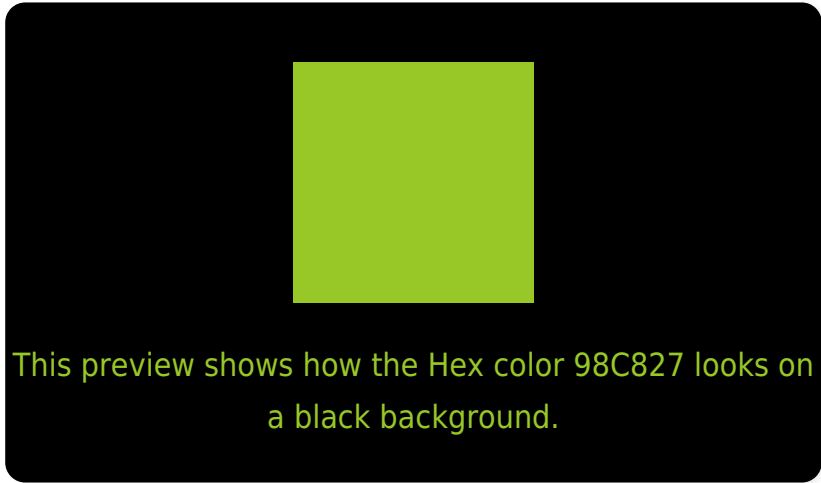
Large Text (above 18pt) WCAG AA × Fail

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 98C827 Background



This preview shows how black text looks on a background with the Hex color 98C827.



This preview shows how white text looks on a background with the Hex color 98C827.

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

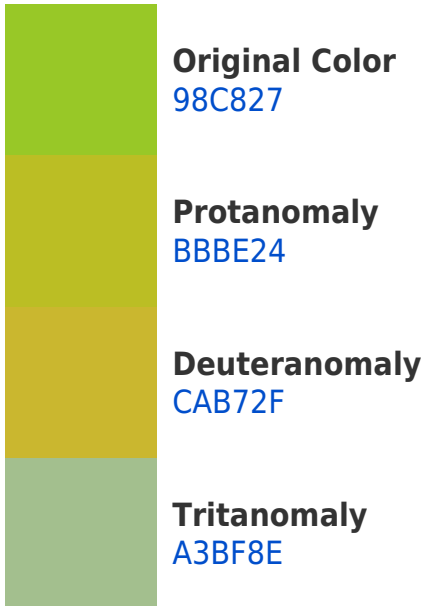


Original Color
98C827

Protanopia
CFB823

Deuteranopia
E7AE34

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 98C827 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 #98C827 looks like.

```
.text, #text, p{  
    color:#98C827  
}
```

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 #98C827 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #98C827
}
```

Border

The CSS property to change the border of an element to Hex 98C827 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
#98C827 }
```

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

```
.border{ border-color:#98C827 }
```

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

Here you see how a box with a 4 pixel #98C827 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #98C827; -webkit-box-shadow:4px 4px  
4px 4px #98C827; box-shadow:4px 4px 4px  
4px #98C827 }
```

Background

The CSS property to change the background color of an element to Hex 98C827 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#98C827 }
```

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

```
.background{ background-color:#98C827 }
```

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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