

Converting Colors

Hex(98CF2B)

Have a look what the booklet for
Hex(98CF2B) contains.

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Color

Hex(98CF2B)

Conversions

Conversions Part 1

Format	Color
Hex	98CF2B
RGB	152, 207, 43
RGB Percent	60%, 81%, 17%
CMY	0.4039, 0.1882, 0.8314
CMYK	0.27, 0.00, 0.79, 0.19
HSL	80°, 66%, 49%
HSV	80°, 79%, 81%
XYZ	35.6978, 51.4755, 10.3398
YIQ	171.8590, 19.8640, -62.6640

Conversions

Conversions Part 2

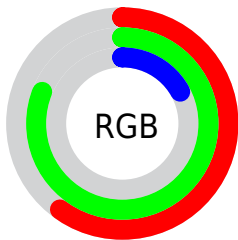
Format	Color
RYB	43, 207, 98
Decimal	10014507
CIELab	76.97, -39.97, 69.04
CIELCh	77, 79.775, 120.067
Yxy	51.4755, 0.3661, 0.5279
Android (android.graphics.Color)	4288204587 (0xFF98CF2B)
YUV	171.8590, -63.5275, -17.4163
Hunter-Lab	71.7464, -36.7427, 41.6779

Details

The Hex color **98CF2B** 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 **622BCF**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **D2FF67**, and **5F9800** is the 20% darker color. If you saturate the color by 10%, you get **91CF16**, and if you desaturate by 10%, it is **9FCF40**.

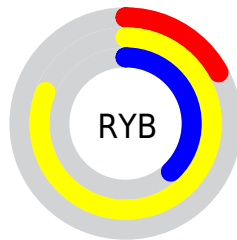
Distribution



Red (60%)

Green (81%)

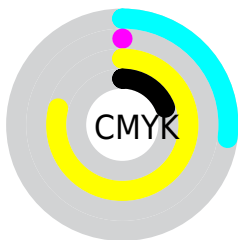
Blue (17%)



Red (17%)

Yellow (81%)

Blue (38%)

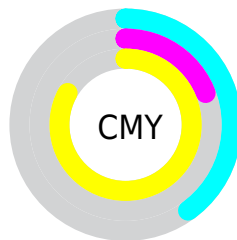


Cyan (27%)

Magenta (0%)

Yellow (79%)

Black (19%)



Cyan (40%)

Magenta (19%)

Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 98CF2B 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 98CF2B by changing the saturation by 10% instead.

 98CF2B

 98CF2B

FFFFFF

 7CB300

 D2FF67

 5F9800

 F0FF83

 437E00

 FFFF9F

 256500

 FFFFBC

 004C00

 FFFFD9

 003500

 FFFFF7

 002000

 000000

 98CF2B

 98CF2B

 91CF16

 9FCF40

 8ACF02

 A6CF54

 8ACF00

 ADCF69

 B4CF7E

 BBCF93

 C2CFA7

 C9CFBC

 D0CFD1

 D6CFE5

Harmonies

Analogous

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



E2BB00



98CF2B



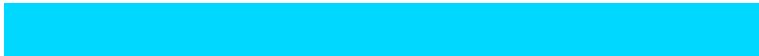
00DB70

Triad

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



98CF2B



00D8FF



FF73C1

Complementary

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



98CF2B



622BCF

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



98CF2B



00C7FF

Square

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



98CF2B



00E0FF



BBAAFF



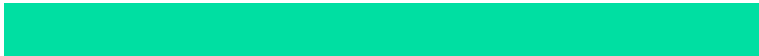
FF7F78

Rectangle

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



98CF2B



00DFA2



BBAAFF



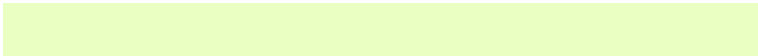
FF77DA

Sweetspot

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



98CF2B



EAFFC2



CF622B



73805B



000000



808080

Same Dimension

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



98CF2B



AEFF0D



46CF2B



65695E



70A800



1B2900

Inverse Universe

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



622BCF



5E0DFF



B42BCF



625E69



3800A8



0E0029

Previews

White Background



This preview shows how the Hex color 98CF2B looks on a white background.

Color Contrast Check

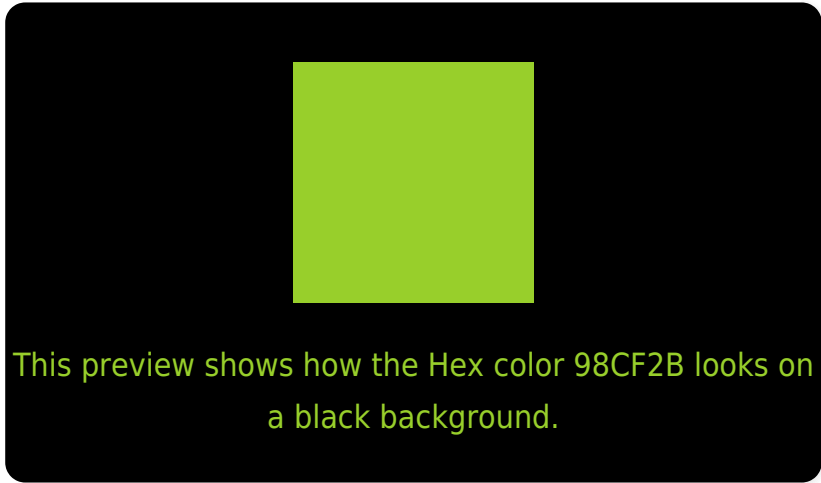
Large Text (above 18pt) WCAG AA × Fail

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 98CF2B Background



This preview shows how black text looks on a background with the Hex color 98CF2B.



This preview shows how white text looks on a background with the Hex color 98CF2B.

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

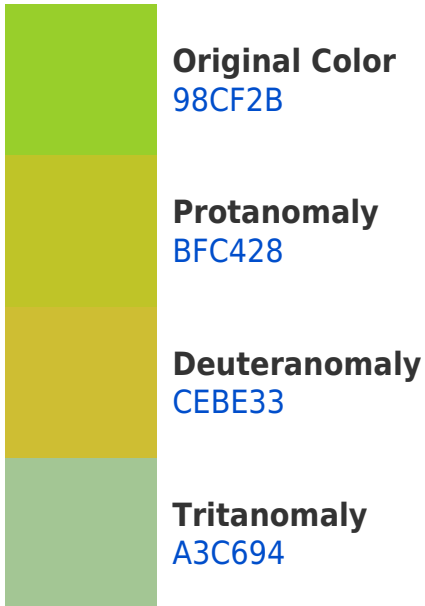


Original Color
98CF2B

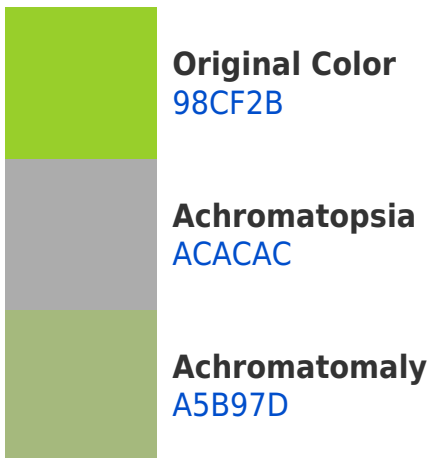
Protanopia
D5BE27

Deuteranopia
EDB438

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 98CF2B 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 #98CF2B looks like.

```
.text, #text, p{  
    color:#98CF2B  
}
```

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 #98CF2B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #98CF2B
}
```

Border

The CSS property to change the border of an element to Hex 98CF2B 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
#98CF2B }
```

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

```
.border{ border-color:#98CF2B }
```

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

Here you see how a box with a 4 pixel #98CF2B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #98CF2B; -webkit-box-shadow:4px 4px  
4px 4px #98CF2B; box-shadow:4px 4px 4px  
4px #98CF2B }
```

Background

The CSS property to change the background color of an element to Hex 98CF2B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#98CF2B }
```

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

```
.background{ background-color:#98CF2B }
```

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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