

# Converting Colors

Hex(8C9126)

Have a look what the booklet for  
Hex(8C9126) contains.

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**Color**

**Hex(8C9126)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8C9126
RGB	140, 145, 38
RGB Percent	55%, 57%, 15%
CMY	0.4510, 0.4314, 0.8510
CMYK	0.03, 0.00, 0.74, 0.43
HSL	63°, 58%, 36%
HSV	63°, 74%, 57%
XYZ	21.2905, 25.9662, 5.7236
YIQ	131.3070, 31.3670, -34.3370

# Conversions

## Conversions Part 2

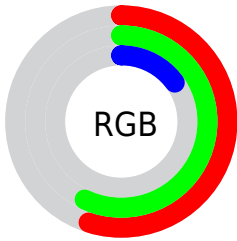
<b>Format</b>	<b>Color</b>
<b>RYB</b>	38, 145, 43
Decimal	9212198
CIELab	58.00, -15.33, 52.67
CIELCh	58, 54.859, 106.225
Yxy	25.9662, 0.4019, 0.4901
Android (android.graphics.Color)	4287402278 (0xFF8C9126)
YUV	131.3070, -46.0004, 7.6238
Hunter-Lab	50.9570, -14.5953, 29.0104

# Details

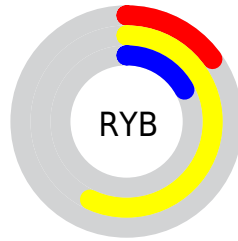
The Hex color **8C9126** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **2B2691**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **C4C75B**, and **565F00** is the 20% darker color. If you saturate the color by 10%, you get **8B9117**, and if you desaturate by 10%, it is **8D9135**.

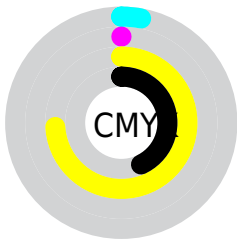
# Distribution



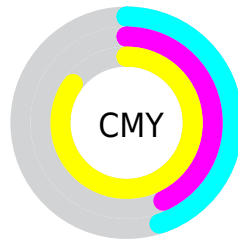
- Red (55%)
- Green (57%)
- Blue (15%)



- Red (15%)
- Yellow (57%)
- Blue (17%)



- Cyan (3%)
- Magenta (0%)
- Yellow (74%)
- Black (43%)



- Cyan (45%)
- Magenta (43%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8C9126 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 8C9126 by changing the saturation by 10% instead.





8C9126



8C9126

FFFFFF



717703



C4C75B



565F00



E1E376



3D4700



FFFF90



233100



FFFFAC



051D00



FFFC8



000000



FFFE5



8C9126



8C9126



8B9117



8D9135

 8B9109

 8D9143


 8A9100

 8E9152

 8F9160

 8F916F

 90917D

 91918B

 91919A

 9291A9

# Harmonies

## Analogous

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



B78128



8C9126



549C45

# Triad

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



8C9126



00A0D0



D862A4

# Complementary

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



8C9126



2B2691

# 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.



AF73CE



8C9126



0097E8

# Square

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



8C9126



00A3A5



6388E8



E36073

# Rectangle

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



8C9126



00A063



6388E8



CD67B3



# Sweetspot

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



8C9126



BBBD93



912A26



5D5E46



DEDEDE



5E5E5E



# Same Dimension

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



8C9126



B5BD15



589126



474740



818700



070800



# Inverse Universe

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



2B2691



1D15BD



5F2691



414047



060087



000008



# Previews

## White Background



This preview shows how the Hex color 8C9126 looks on a white background.

## Color Contrast Check

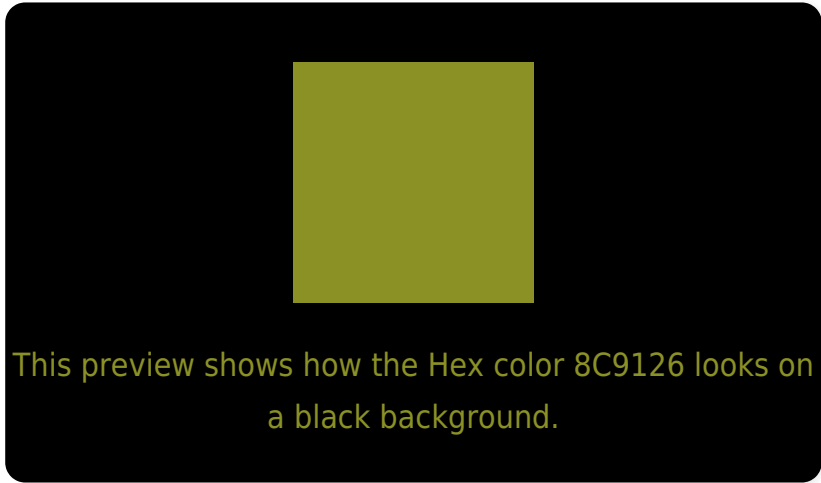
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 8C9126 Background



This preview shows how black text looks on a background with the Hex color 8C9126.



This preview shows how white text looks on a background with the Hex color 8C9126.

# 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**  
8C9126

**Protanopia**  
9C8C25

**Deuteranopia**  
AF842B



**Tritanopia**  
968792

# Trichromacy



**Original Color**  
8C9126

**Protanomaly**  
968E25

**Deuteranomaly**  
A28929

**Tritanomaly**  
928B6B

# Monochromacy



**Original Color**  
8C9126

**Achromatopsia**  
838383

**Achromatomaly**  
868861

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8C9126 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 #8C9126 looks like.

```
.text, #text, p{  
    color:#8C9126  
}
```

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 #8C9126 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8C9126
}
```

## Border

The CSS property to change the border of an element to Hex 8C9126 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
#8C9126 }
```

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

```
.border{ border-color:#8C9126 }
```

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

Here you see how a box with a 4 pixel #8C9126 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8C9126; -webkit-box-shadow:4px 4px  
4px 4px #8C9126; box-shadow:4px 4px 4px  
4px #8C9126 }
```

# Background

The CSS property to change the background color of an element to Hex 8C9126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8C9126 }
```

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

```
.background{ background-color:#8C9126 }
```

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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