

# Converting Colors

Hex(8C9150)

Have a look what the booklet for  
Hex(8C9150) contains.

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**Color**

**Hex(8C9150)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8C9150
RGB	140, 145, 80
RGB Percent	55%, 57%, 31%
CMY	0.4510, 0.4314, 0.6863
CMYK	0.03, 0.00, 0.45, 0.43
HSL	65°, 29%, 44%
HSV	65°, 45%, 57%
XYZ	22.3886, 26.4054, 11.5062
YIQ	136.0950, 17.8850, -21.2750

# Conversions

## Conversions Part 2

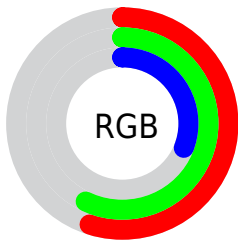
<b>Format</b>	<b>Color</b>
<b>RYB</b>	80, 145, 85
Decimal	9212240
CIELab	58.42, -11.98, 33.75
CIELCh	58, 35.819, 109.546
Yxy	26.4054, 0.3713, 0.4379
Android (android.graphics.Color)	4287402320 (0xFF8C9150)
YUV	136.0950, -27.6548, 3.4247
Hunter-Lab	51.3862, -12.1548, 22.6944

# Details

The Hex color **8C9150** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **555091**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **C3C783**, and **585F20** is the 20% darker color. If you saturate the color by 10%, you get **8B9142**, and if you desaturate by 10%, it is **8D915E**.

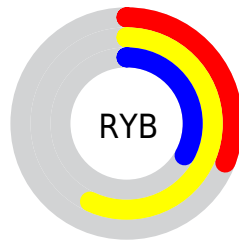
# Distribution



Red (55%)

Green (57%)

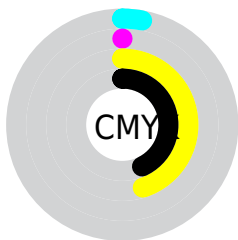
Blue (31%)



Red (31%)

Yellow (57%)

Blue (33%)

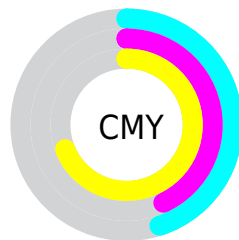


Cyan (3%)

Magenta (0%)

Yellow (45%)

Black (43%)



Cyan (45%)

Magenta (43%)

Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8C9150 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 8C9150 by changing the saturation by 10% instead.



 8C9150

 8C9150

FFFFFF

 727738

 C3C783

 585F20

 DFE39D

 404708

 FCFFB8

 293100

 FFFFD4

 0F1C00

 FFFFF1

 000000

 8C9150

 8C9150

 8B9142

 8D915E

 8A9133

 8E916D

■ 899124

■ 8F917B

■ 889116

■ 90918A

■ 869107

■ 929199

■ 869100

■ 9391A7

■ 9491B5

■ 9591C4

■ 9691D3

# Harmonies

## Analogous

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



AA874E



8C9150



689863

# Triad

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



8C9150



009ABB



C27599

# Complementary

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



8C9150



555091

# 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.



A97DB5



8C9150



4793CA

# Square

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



8C9150



009DA0



7F88C7



C97479

# Rectangle

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



8C9150



4C9B75



7F88C7



BC77A3



# Sweetspot

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



8C9150



BBBDA4



915450



5D5E4F



DEDEDE



5E5E5E



# Same Dimension

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



8C9150



B5BD57



6C9150



474740



7D8700



070800



# Inverse Universe

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



555091



5F57BD



755091



414047



0A0087



010008



# Previews

## White Background



This preview shows how the Hex color 8C9150 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

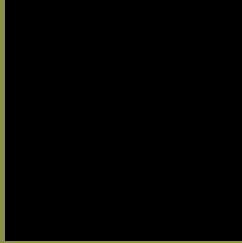
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 8C9150 Background



This preview shows how black text looks on a background with the Hex color 8C9150.

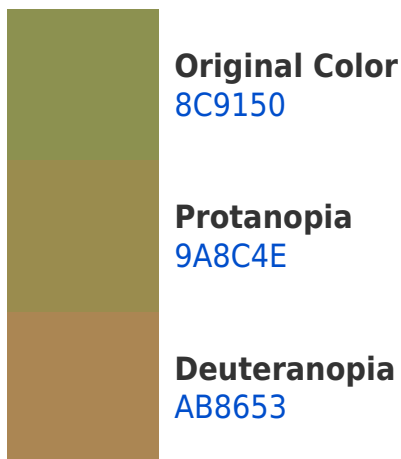


This preview shows how white text looks on a background with the Hex color 8C9150.

# 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**  
948994

# Trichromacy



**Original Color**  
8C9150

**Protanomaly**  
958E4F

**Deuteranomaly**  
A08A52

**Tritanomaly**  
918C7B

# Monochromacy



**Original Color**  
8C9150

**Achromatopsia**  
888888

**Achromatomaly**  
898B74

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8C9150 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 #8C9150 looks like.

```
.text, #text, p{  
    color:#8C9150  
}
```

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 #8C9150 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8C9150
}
```

## Border

The CSS property to change the border of an element to Hex 8C9150 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
#8C9150 }
```

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

```
.border{ border-color:#8C9150 }
```

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

Here you see how a box with a 4 pixel #8C9150 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8C9150; -webkit-box-shadow:4px 4px  
4px 4px #8C9150; box-shadow:4px 4px 4px  
4px #8C9150 }
```

# Background

The CSS property to change the background color of an element to Hex 8C9150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8C9150 }
```

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

```
.background{ background-color:#8C9150 }
```

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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