

# Converting Colors

Hex(8C9175)

Have a look what the booklet for  
Hex(8C9175) contains.

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# Color

Hex(8C9175)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8C9175
RGB	140, 145, 117
RGB Percent	55%, 57%, 46%
CMY	0.4510, 0.4314, 0.5412
CMYK	0.03, 0.00, 0.19, 0.43
HSL	71°, 11%, 51%
HSV	71°, 19%, 57%
XYZ	24.1515, 27.1106, 20.7896
YIQ	140.3130, 6.0080, -9.7680

# Conversions

## Conversions Part 2

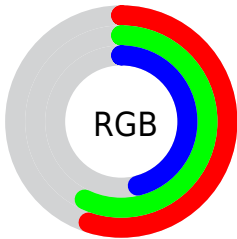
Format	Color
<a href="#">RYB</a>	<a href="#">117, 145, 122</a>
Decimal	<a href="#">9212277</a>
CIELab	<a href="#">59.08, -6.91, 14.28</a>
CIElCh	<a href="#">59, 15.862, 115.837</a>
Yxy	<a href="#">27.1106, 0.3352, 0.3763</a>
Android (android.graphics.Color)	<a href="#">4287402357 (0xFF8C9175)</a>
YUV	<a href="#">140.3130, -11.4933, -0.2745</a>
Hunter-Lab	<a href="#">52.0678, -8.3221, 12.7743</a>

# Details

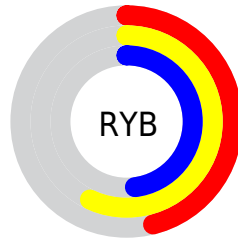
The Hex color **8C9175** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **7A7591**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **C2C7A9**, and **5A5F45** is the 20% darker color. If you saturate the color by 10%, you get **899166**, and if you desaturate by 10%, it is **8F9184**.

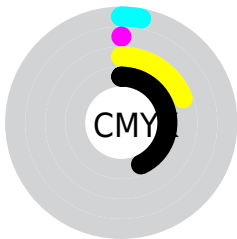
# Distribution



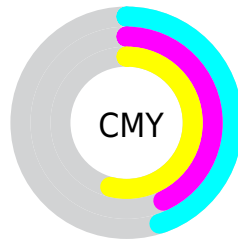
- Red (55%)
- Green (57%)
- Blue (46%)



- Red (46%)
- Yellow (57%)
- Blue (48%)



- Cyan (3%)
- Magenta (0%)
- Yellow (19%)
- Black (43%)



- Cyan (45%)
- Magenta (43%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8C9175 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 8C9175 by changing the saturation by 10% instead.





8C9175



8C9175

FFFFFF



72775C



C2C7A9



5A5F45



DEE3C4



42472E



FAFFE0



2C3119

FFFFFFD



191C00



000000



8C9175



8C9175



899166



8F9184



879158



919192

 84914A

 9491A1

 82913B

 9691AF

 7F912D

 9991BE

 7C911E

 9C91CC

 7A910F

 9E91DB

 779101

 A191E9

 779100

 A391F8

# Harmonies

## Analogous

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



9B8D73



8C9175



7C947E

# Triad

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



8C9175



6E94A5



A98591

# Complementary

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



8C9175



7A7591

# 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.



9F879E



8C9175



7C90AA

# Square

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



8C9175



69969A



8E8BA7



AB8583

# Rectangle

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



8C9175



739687



8E8BA7



A68595



# Sweetspot

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



8C9175



BBBDB1



917A75



5D5E58



DEDEDE



5E5E5E



# Same Dimension

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



8C9175



B5BD91



7E9175



464740



6F8700



060800



# Inverse Universe

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



7A7591



9991BD



887591



424047



180087



010008



# Previews

## White Background



This preview shows how the Hex color 8C9175 looks on a white background.

## Color Contrast Check

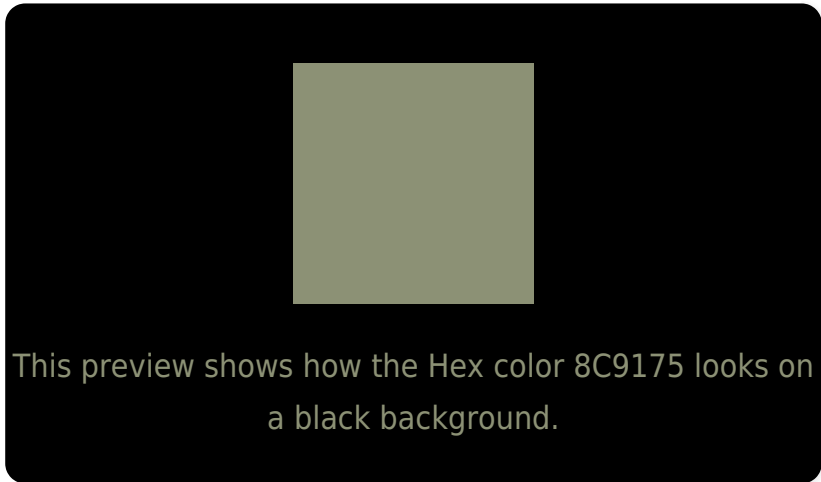
Large Text (above 18pt) WCAG AA ✓ Pass

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

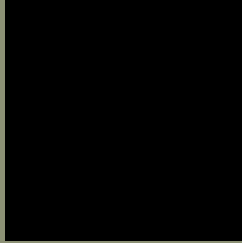
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

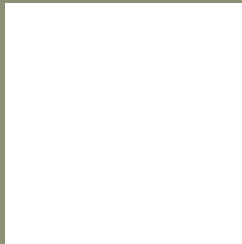
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 8C9175 Background



This preview shows how black text looks on a background with the Hex color 8C9175.



This preview shows how white text looks on a background with the Hex color 8C9175.

# 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**  
8C9175

**Protanopia**  
978E73

**Deuteranopia**  
A48977



**Tritanopia**  
918C97

# Trichromacy



**Original Color**  
8C9175

**Protanomaly**  
938F74

**Deuteranomaly**  
9B8C76

**Tritanomaly**  
8F8E8B

# Monochromacy



**Original Color**  
8C9175

**Achromatopsia**  
8C8C8C

**Achromatomaly**  
8C8E84

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8C9175 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 #8C9175 looks like.

```
.text, #text, p{  
    color:#8C9175  
}
```

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 #8C9175 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8C9175
}
```

## Border

The CSS property to change the border of an element to Hex 8C9175 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
#8C9175 }
```

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

```
.border{ border-color:#8C9175 }
```

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

Here you see how a box with a 4 pixel #8C9175 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8C9175; -webkit-box-shadow:4px 4px  
4px 4px #8C9175; box-shadow:4px 4px 4px  
4px #8C9175 }
```

# Background

The CSS property to change the background color of an element to Hex 8C9175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8C9175 }
```

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

```
.background{ background-color:#8C9175 }
```

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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