

# Converting Colors

Hex(8F9158)

Have a look what the booklet for  
Hex(8F9158) contains.

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**Color**

**Hex(8F9158)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8F9158
RGB	143, 145, 88
RGB Percent	56%, 57%, 35%
CMY	0.4392, 0.4314, 0.6549
CMYK	0.01, 0.00, 0.39, 0.43
HSL	62°, 24%, 46%
HSV	62°, 39%, 57%
XYZ	23.2145, 26.7950, 13.1809
YIQ	137.9040, 17.1050, -18.1510

# Conversions

## Conversions Part 2

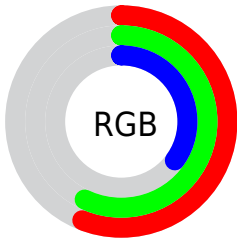
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	88, 145, 90
Decimal	9408856
CIE <sub>Lab</sub>	58.78, -9.80, 30.00
CIE <sub>LCh</sub>	59, 31.562, 108.093
Yxy	26.7950, 0.3674, 0.4240
Android (android.graphics.Color)	4287598936 (0xFF8F9158)
YUV	137.9040, -24.6027, 4.4692
Hunter-Lab	51.7639, -10.5350, 21.1374

# Details

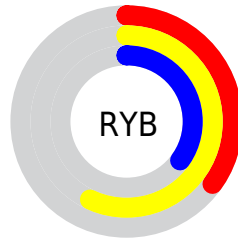
The Hex color **8F9158** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **5A5891**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **C6C78B**, and **5B5F29** is the 20% darker color. If you saturate the color by 10%, you get **8E914A**, and if you desaturate by 10%, it is **909166**.

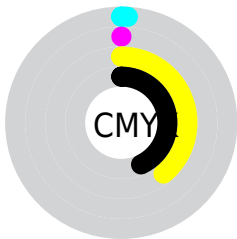
# Distribution



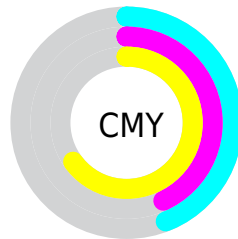
- Red (56%)
- Green (57%)
- Blue (35%)



- Red (35%)
- Yellow (57%)
- Blue (35%)



- Cyan (1%)
- Magenta (0%)
- Yellow (39%)
- Black (43%)



- Cyan (44%)
- Magenta (43%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8F9158 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 8F9158 by changing the saturation by 10% instead.





8F9158



8F9158

FFFFFF



757740



C6C78B



5B5F29



E2E3A5



434712



FFFFC1



2C3100



FFFFDD



141C00



FFFFF9



000000



8F9158



8F9158



8E914A



909166



8E913B



909175

■ 8D912D

■ 919184

■ 8D911E

■ 919192

■ 8C910F

■ 9291A1

■ 8C9101

■ 9291AF

■ 8C9100

■ 9391BE

■ 9391CC

■ 9491DB

# Harmonies

## Analogous

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



AA8857



8F9158



709868

# Triad

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



8F9158



289AB6



BC799A

# Complementary

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



8F9158



5A5891

# 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.



A580B3



8F9158



5393C3

# Square

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



8F9158



299C9E



818AC2



C4797E

# Rectangle

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



8F9158



599B78



818AC2



B67BA3



# Sweetspot

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



8F9158



BCBDA6



915A58



5E5E51



DEDEDE



5E5E5E



# Same Dimension

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



8F9158



BABD64



739158



474740



828700



070800



# Inverse Universe

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



5A5891



6764BD



765891



414047



050087



000008



# Previews

## White Background



This preview shows how the Hex color 8F9158 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

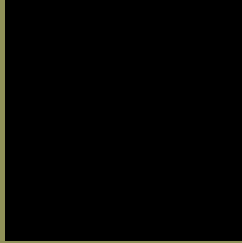
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 8F9158 Background



This preview shows how black text looks on a background with the Hex color 8F9158.



This preview shows how white text looks on a background with the Hex color 8F9158.

# 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**  
8F9158

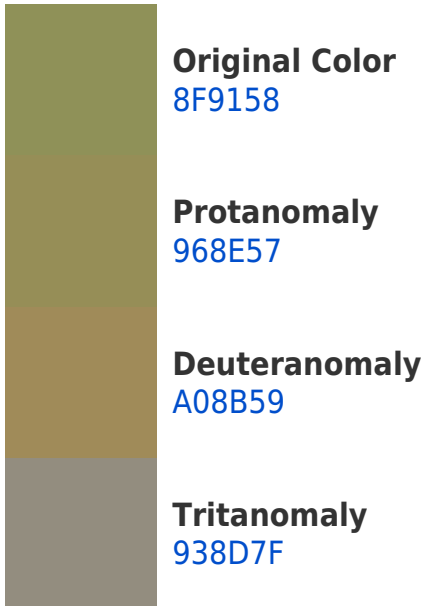
**Protanopia**  
9A8D57

**Deuteranopia**  
AA875A



**Tritanopia**  
968A95

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8F9158 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 #8F9158 looks like.

```
.text, #text, p{  
    color:#8F9158  
}
```

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 #8F9158 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8F9158
}
```

## Border

The CSS property to change the border of an element to Hex 8F9158 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
#8F9158 }
```

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

```
.border{ border-color:#8F9158 }
```

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

Here you see how a box with a 4 pixel #8F9158 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8F9158; -webkit-box-shadow:4px 4px  
4px 4px #8F9158; box-shadow:4px 4px 4px  
4px #8F9158 }
```

# Background

The CSS property to change the background color of an element to Hex 8F9158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8F9158 }
```

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

```
.background{ background-color:#8F9158 }
```

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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