

# Converting Colors

Hex(8B9104)

Have a look what the booklet for  
Hex(8B9104) contains.

|  |    |
|--|----|
| <b>Hex(8B9104)</b> .....                       | 3  |
| <i><b>Conversions</b></i> .....                | 4  |
| <i><b>Details</b></i> .....                    | 6  |
| <i><b>Harmonies</b></i> .....                  | 11 |
| <i><b>Previews</b></i> .....                   | 23 |
| <i><b>Color Blindness Simulation</b></i> ..... | 26 |
| <i><b>CSS Examples</b></i> .....               | 29 |

**Color**

**Hex(8B9104)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>                |
|---------------|-----------------------------|
| Hex           | 8B9104                      |
| RGB           | 139, 145, 4                 |
| RGB Percent   | 55%, 57%, 2%                |
| CMY           | 0.4549, 0.4314, 0.9843      |
| CMYK          | 0.04, 0.00, 0.97, 0.43      |
| HSL           | 63°, 95%, 29%               |
| HSV           | 63°, 97%, 57%               |
| XYZ           | 20.7948, 25.7485, 3.9888    |
| YIQ           | 127.1320, 41.6850, -45.1230 |

# Conversions

## Conversions Part 2

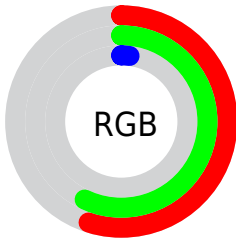
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>R<sub>YB</sub></b>               | 4, 145, 10                     |
| Decimal                             | 9146628                        |
| CIE <sub>Lab</sub>                  | 57.80, -16.81, 60.81           |
| CIE <sub>LCh</sub>                  | 58, 63.094, 105.452            |
| Yxy                                 | 25.7485, 0.4115,<br>0.5095     |
| Android<br>(android.graphics.Color) | 4287336708<br>(0xFF8B9104)     |
| YUV                                 | 127.1320, -60.7041,<br>10.4082 |
| Hunter-Lab                          | 50.7430, -15.6500,<br>30.8594  |

# Details

The Hex color **8B9104** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **0A0491**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **C4C748**, and **555F00** is the 20% darker color. If you saturate the color by 10%, you get **8B9100**, and if you desaturate by 10%, it is **8C9112**.

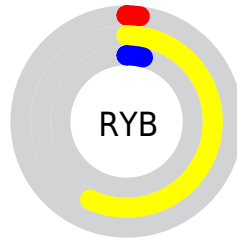
# Distribution



Red (55%)

Green (57%)

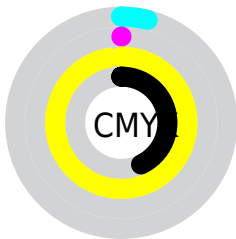
Blue (2%)



Red (2%)

Yellow (57%)

Blue (4%)

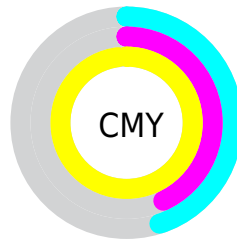


Cyan (4%)

Magenta (0%)

Yellow (97%)

Black (43%)



Cyan (45%)

Magenta (43%)

Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8B9104 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 8B9104 by changing the saturation by 10% instead.





8B9104



8B9104

FFFFFF



6F7700



C4C748



555F00



E1E363



3A4700



FFFF7E



203100



FFFF9A



001D00



FFFFB6



000000



FFFFD2



FFFFEF



8B9104



8B9104

■ 8B9100

■ 8C9112

■ 8C9121

■ 8D912F

■ 8D913E

■ 8E914C

■ 8F915B

■ 8F9169

■ 909178

■ 919186

# Harmonies

## Analogous

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



BC7E0F



8B9104



499D37

# Triad

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



8B9104



00A2D9



E058A8

# Complementary

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



8B9104



0A0491

# 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.



B16FD9



8B9104



0099F6

# Square

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



8B9104



00A5A7



4F87F6



EE5571

# Rectangle

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



8B9104



00A15A



4F87F6



D55FBA



# Sweetspot

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



8B9104



BABD86



910904



5D5E3D



DEDEDE



5E5E5E



# Same Dimension

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



8B9104



B5BD00



469104



474740



818700



070800



# Inverse Universe

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



0A0491



0800BD



4F0491



414047



060087



000008



# Previews

## White Background



This preview shows how the Hex color 8B9104 looks on a white background.

## Color Contrast Check

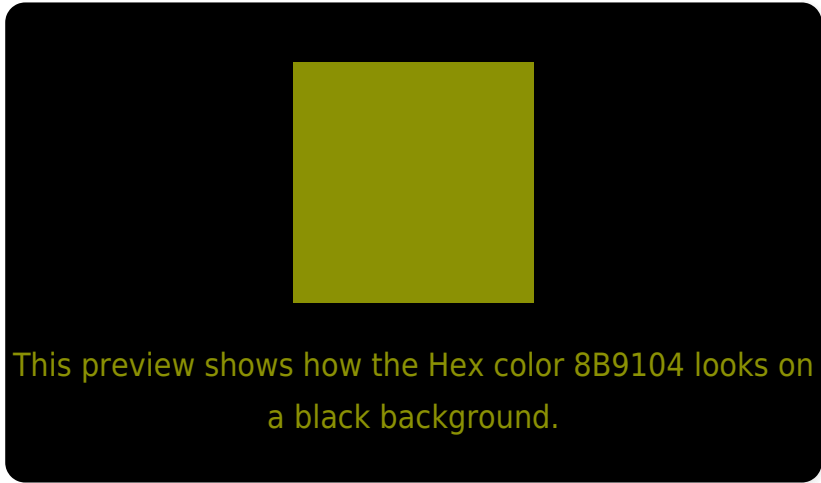
Large Text (above 18pt) WCAG AA ✓ Pass

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 8B9104 Background



This preview shows how black text looks on a background with the Hex color 8B9104.



This preview shows how white text looks on a background with the Hex color 8B9104.

# 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**  
8B9104

**Protanopia**  
9D8B00

**Deuteranopia**  
AF8417



**Tritanopia**  
958791

# Trichromacy



**Original Color**  
8B9104

**Protanomaly**  
968D01

**Deuteranomaly**  
A28910

**Tritanomaly**  
918B5E

# Monochromacy



**Original Color**  
8B9104

**Achromatopsia**  
7F7F7F

**Achromatomaly**  
838652

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8B9104 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 #8B9104 looks like.

```
.text, #text, p{  
    color:#8B9104  
}
```

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 #8B9104 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8B9104
}
```

## Border

The CSS property to change the border of an element to Hex 8B9104 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
#8B9104 }
```

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

```
.border{ border-color:#8B9104 }
```

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

Here you see how a box with a 4 pixel #8B9104 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8B9104; -webkit-box-shadow:4px 4px  
4px 4px #8B9104; box-shadow:4px 4px 4px  
4px #8B9104 }
```

# Background

The CSS property to change the background color of an element to Hex 8B9104 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8B9104 }
```

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

```
.background{ background-color:#8B9104 }
```

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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