

# Converting Colors

Hex(8C9024)

Have a look what the booklet for  
Hex(8C9024) contains.

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**Color**

**Hex(8C9024)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8C9024
RGB	140, 144, 36
RGB Percent	55%, 56%, 14%
CMY	0.4510, 0.4353, 0.8588
CMYK	0.03, 0.00, 0.75, 0.44
HSL	62°, 60%, 35%
HSV	62°, 75%, 56%
XYZ	21.1069, 25.6493, 5.5074
YIQ	130.4920, 32.2840, -34.4360

# Conversions

## Conversions Part 2

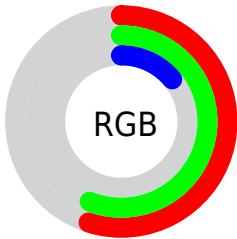
<b>Format</b>	<b>Color</b>
<b>RYB</b>	36, 144, 40
Decimal	9211940
CIELab	57.70, -14.90, 53.11
CIELCh	58, 55.159, 105.672
Yxy	25.6493, 0.4039, 0.4908
Android (android.graphics.Color)	4287402020 (0xFF8C9024)
YUV	130.4920, -46.5846, 8.3385
Hunter-Lab	50.6452, -14.2373, 29.0041

# Details

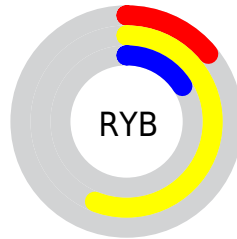
The Hex color **8C9024** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **282490**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **C4C659**, and **565E00** is the 20% darker color. If you saturate the color by 10%, you get **8B9016**, and if you desaturate by 10%, it is **8D9032**.

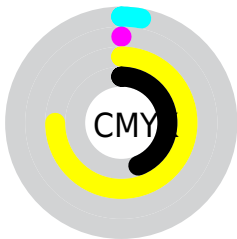
# Distribution



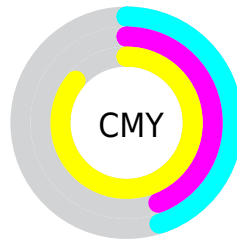
- Red (55%)
- Green (56%)
- Blue (14%)



- Red (14%)
- Yellow (56%)
- Blue (16%)



- Cyan (3%)
- Magenta (0%)
- Yellow (75%)
- Black (44%)



- Cyan (45%)
- Magenta (44%)
- Yellow (86%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8C9024 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 8C9024 by changing the saturation by 10% instead.





8C9024



8C9024

FFFFFF



717600



C4C659



565E00



E1E274



3D4600



FFFE8F



233000



FFFFAA



051C00



FFFFC6



000000



FFFFE3



8C9024



8C9024



8B9016



8D9032

 8B9007

 8D9041

 8B9000

 8E904F

 8E905E

 8F906C

 8F907A

 909089

 909097

 9190A6

# Harmonies

## Analogous

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



B78027



8C9024



549B43

# Triad

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



8C9024



009FCF



D761A4

# Complementary

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



8C9024



282490

# 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.



AD73CE



8C9024



0097E8

# Square

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



8C9024



00A2A3



5F87E8



E35F73

# Rectangle

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



8C9024



009F61



5F87E8



CC66B3



# Sweetspot

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



8C9024



B9BA8F



902824



5D5E44



DEDEDE



5E5E5E



# Same Dimension

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



8C9024



B4BA13



569024



474740



828700



070800



# Inverse Universe

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



282490



1913BA



5E2490



414047



050087



000008



# Previews

## White Background



This preview shows how the Hex color 8C9024 looks on a white background.

## Color Contrast Check

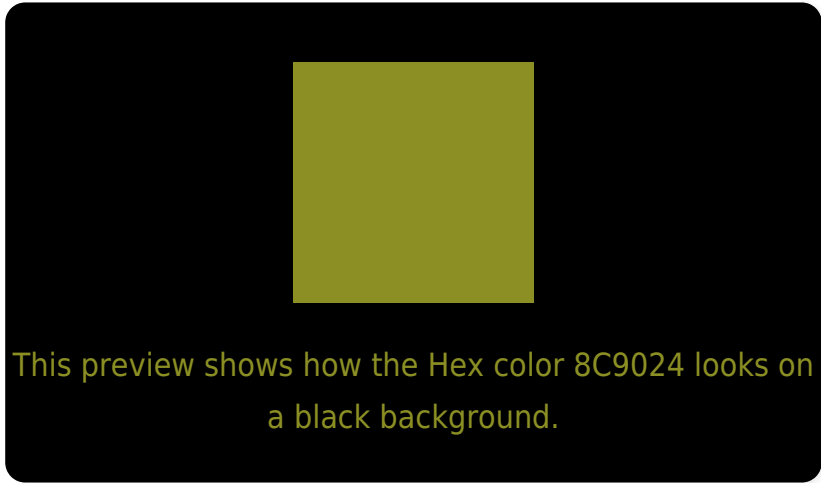
Large Text (above 18pt) WCAG AA ✓ Pass

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

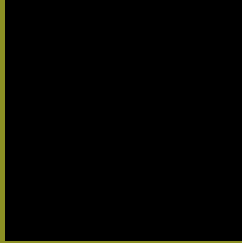
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 8C9024 Background



This preview shows how black text looks on a background with the Hex color 8C9024.



This preview shows how white text looks on a background with the Hex color 8C9024.

# 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**  
8C9024

**Protanopia**  
9C8B23

**Deuteranopia**  
AE8429



**Tritanopia**  
958691

# Trichromacy



**Original Color**  
8C9024

**Protanomaly**  
968D23

**Deuteranomaly**  
A28827

**Tritanomaly**  
928A69

# Monochromacy



**Original Color**  
8C9024

**Achromatopsia**  
828282

**Achromatomaly**  
868760

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8C9024 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 #8C9024 looks like.

```
.text, #text, p{  
    color:#8C9024  
}
```

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 #8C9024 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8C9024
}
```

## Border

The CSS property to change the border of an element to Hex 8C9024 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
#8C9024 }
```

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

```
.border{ border-color:#8C9024 }
```

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

Here you see how a box with a 4 pixel #8C9024 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8C9024; -webkit-box-shadow:4px 4px  
4px 4px #8C9024; box-shadow:4px 4px 4px  
4px #8C9024 }
```

# Background

The CSS property to change the background color of an element to Hex 8C9024 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8C9024 }
```

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

```
.background{ background-color:#8C9024 }
```

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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