

Converting Colors

Hex(8E9124)

Have a look what the booklet for
Hex(8E9124) contains.

Hex(8E9124)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(8E9124)

Conversions

Conversions Part 1

Format	Color
Hex	8E9124
RGB	142, 145, 36
RGB Percent	56%, 57%, 14%
CMY	0.4431, 0.4314, 0.8588
CMYK	0.02, 0.00, 0.75, 0.43
HSL	62°, 60%, 35%
HSV	62°, 75%, 57%
XYZ	21.5992, 26.1290, 5.5741
YIQ	131.6770, 33.2010, -34.5350

Conversions

Conversions Part 2

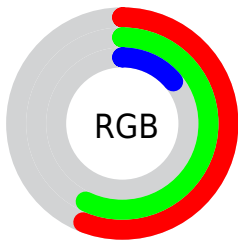
Format	Color
R_{YB}	36, 145, 39
Decimal	9343268
CIE _{Lab}	58.16, -14.53, 53.60
CIE _{LCh}	58, 55.534, 105.170
Yxy	26.1290, 0.4052, 0.4902
Android (android.graphics.Color)	4287533348 (0xFF8E9124)
YUV	131.6770, -47.1688, 9.0533
Hunter-Lab	51.1165, -14.0291, 29.3162

Details

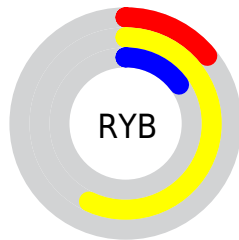
The Hex color **8E9124** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **272491**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **C6C75A**, and **585F00** is the 20% darker color. If you saturate the color by 10%, you get **8E9116**, and if you desaturate by 10%, it is **8E9133**.

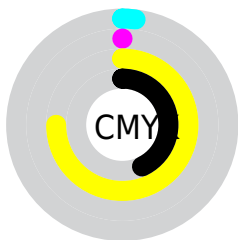
Distribution



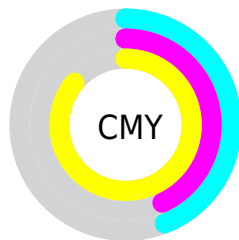
- Red (56%)
- Green (57%)
- Blue (14%)



- Red (14%)
- Yellow (57%)
- Blue (15%)



- Cyan (2%)
- Magenta (0%)
- Yellow (75%)
- Black (43%)



- Cyan (44%)
- Magenta (43%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8E9124 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 8E9124 by changing the saturation by 10% instead.



8E9124



8E9124

FFFFFF



737700



C6C75A



585F00



E3E374



3F4700



FFFF8F



253100



FFFFAA



081D00



FFFFC6



000000



FFFFE3



8E9124



8E9124



8E9116



8E9133

■ 8D9107

■ 8F9141

■ 8D9100

■ 8F9150

■ 90915E

■ 90916D

■ 90917B

■ 91918A

■ 919198

■ 9291A6

Harmonies

Analogous

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



B98128



8E9124



569C43

Triad

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



8E9124



00A0D0



D862A6

Complementary

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



8E9124



272491

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.



AE74D1



8E9124



0098EA

Square

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



8E9124



00A3A4



5E89EA



E55F75

Rectangle

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



8E9124



06A061



5E89EA



CD67B6

Sweetspot

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



8E9124



BCBD91



912624



5E5E44



DEDEDE



5E5E5E

Same Dimension

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



8E9124



B8BD13



599124



474740



838700



070800

Inverse Universe

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



272491



1813BD



5C2491



404047



040087



000008

Previews

White Background



This preview shows how the Hex color 8E9124 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 8E9124 Background



This preview shows how black text looks on a background with the Hex color 8E9124.



This preview shows how white text looks on a background with the Hex color 8E9124.

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
8E9124

Protanopia
9D8C23

Deuteranopia
AF8529



Tritanopia
978792

Trichromacy



Original Color
8E9124

Protanomaly
988E23

Deuteranomaly
A38927

Tritanomaly
948B6A

Monochromacy



Original Color
8E9124

Achromatopsia
848484

Achromatomaly
888961

CSS Examples

Text

The CSS property to change the color of the text to Hex 8E9124 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 #8E9124 looks like.

```
.text, #text, p{  
    color:#8E9124  
}
```

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 #8E9124 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8E9124
}
```

Border

The CSS property to change the border of an element to Hex 8E9124 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
#8E9124 }
```

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

```
.border{ border-color:#8E9124 }
```

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

Here you see how a box with a 4 pixel #8E9124 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8E9124; -webkit-box-shadow:4px 4px  
4px 4px #8E9124; box-shadow:4px 4px 4px  
4px #8E9124 }
```

Background

The CSS property to change the background color of an element to Hex 8E9124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8E9124 }
```

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

```
.background{ background-color:#8E9124 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor