

# Converting Colors

Hex(9E9114)

Have a look what the booklet for  
Hex(9E9114) contains.

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**Color**

**Hex(9E9114)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9E9114
RGB	158, 145, 20
RGB Percent	62%, 57%, 8%
CMY	0.3804, 0.4314, 0.9216
CMYK	0.00, 0.08, 0.87, 0.38
HSL	54°, 78%, 35%
HSV	54°, 87%, 62%
XYZ	24.3522, 27.5704, 4.6999
YIQ	134.6370, 47.8730, -36.1190

# Conversions

## Conversions Part 2

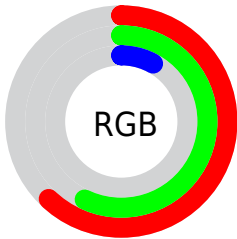
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	34, 158, 20
Decimal	10391828
CIE <sub>Lab</sub>	59.50, -7.86, 60.01
CIE <sub>LCh</sub>	59, 60.525, 97.459
Yxy	27.5704, 0.4301, 0.4869
Android (android.graphics.Color)	4288581908 (0xFF9E9114)
YUV	134.6370, -56.5160, 20.4894
Hunter-Lab	52.5075, -9.1025, 31.4482

# Details

The Hex color **9E9114** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **14219E**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **D8C74F**, and **665F00** is the 20% darker color. If you saturate the color by 10%, you get **9E9004**, and if you desaturate by 10%, it is **9E9224**.

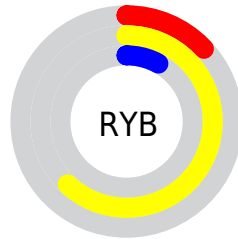
# Distribution



Red (62%)

Green (57%)

Blue (8%)



Red (13%)

Yellow (62%)

Blue (8%)

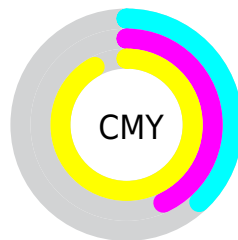


Cyan (0%)

Magenta (8%)

Yellow (87%)

Black (38%)



Cyan (38%)

Magenta (43%)

Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9E9114 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 9E9114 by changing the saturation by 10% instead.





9E9114



9E9114

FFFFFF



827800



D8C74F



665F00



F6E26A



4C4800



FFFF85



323100



FFFFA1



191D00



FFFFBD



000000



FFFFDA



FFFFF7



9E9114



9E9114

■ 9E9004

■ 9E9224

■ 9E8F00

■ 9E9434

■ 9E9543

■ 9E9753

■ 9E9863

■ 9E9A73

■ 9E9B83

■ 9E9D92

■ 9E9EA2

# Harmonies

## Analogous

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



CA7E27



9E9114



659E33

# Triad

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



9E9114



00A7CF



DA65B9

# Complementary

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



9E9114



14219E

# 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.



A27BE4



9E9114



00A0F1

# Square

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



9E9114



00A99B



2891F9



EF5B84

# Rectangle

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



9E9114



29A453



2891F9



CB6BC9



# Sweetspot

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



9E9114



CFC999



9E1422



696548



E8E8E8



696969



# Same Dimension

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



9E9114



CFBB00



679E14



4F4E47



8F8100



0F0E00



# Inverse Universe

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



14219E



0013CF



4B149E



47484F



000D8F



00010F



# Previews

## White Background



This preview shows how the Hex color 9E9114 looks on a white background.

## Color Contrast Check

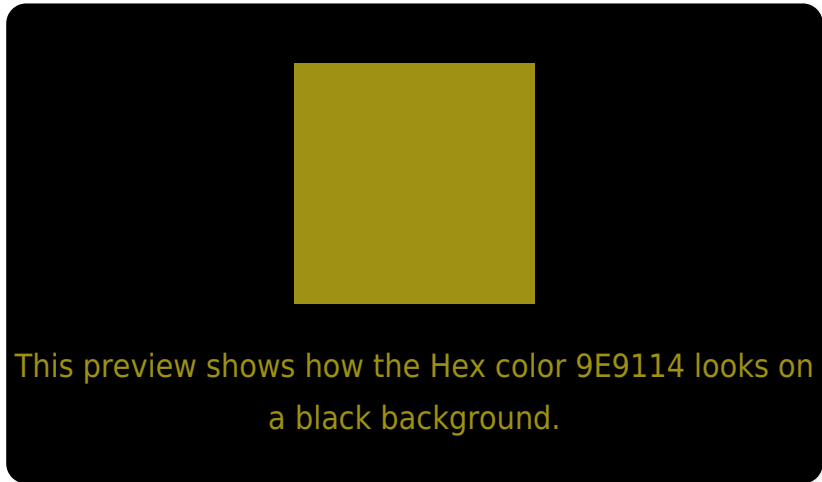
Large Text (above 18pt) WCAG AA ✓ Pass

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 9E9114 Background



This preview shows how black text looks on a background with the Hex color 9E9114.



This preview shows how white text looks on a background with the Hex color 9E9114.

# 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**  
9E9114

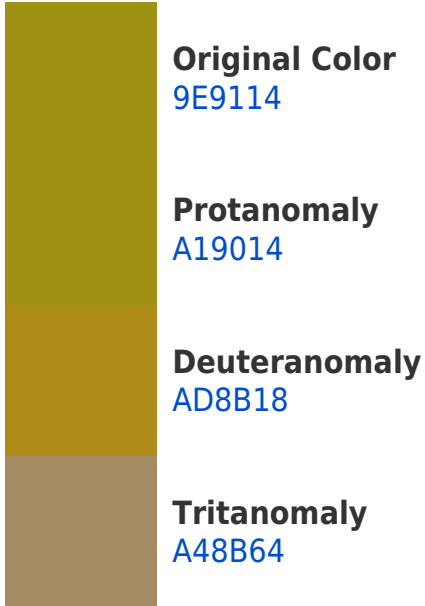
**Protanopia**  
A29014

**Deuteranopia**  
B5881B

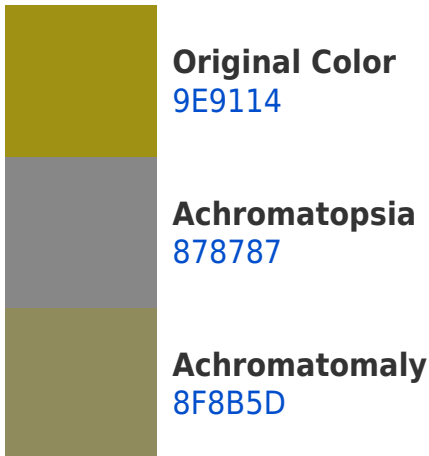


**Tritanopia**  
A78791

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9E9114 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 #9E9114 looks like.

```
.text, #text, p{  
    color:#9E9114  
}
```

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 #9E9114 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9E9114
}
```

## Border

The CSS property to change the border of an element to Hex 9E9114 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
#9E9114 }
```

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

```
.border{ border-color:#9E9114 }
```

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

Here you see how a box with a 4 pixel #9E9114 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9E9114; -webkit-box-shadow:4px 4px  
4px 4px #9E9114; box-shadow:4px 4px 4px  
4px #9E9114 }
```

# Background

The CSS property to change the background color of an element to Hex 9E9114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9E9114 }
```

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

```
.background{ background-color:#9E9114 }
```

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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