

Converting Colors

Hex(9E8109)

Have a look what the booklet for
Hex(9E8109) contains.

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Color

Hex(9E8109)

Conversions

Conversions Part 1

Format	Color
Hex	9E8109
RGB	158, 129, 9
RGB Percent	62%, 51%, 4%
CMY	0.3804, 0.4941, 0.9647
CMYK	0.00, 0.18, 0.94, 0.38
HSL	48°, 89%, 33%
HSV	48°, 94%, 62%
XYZ	22.0001, 22.9893, 3.5363
YIQ	123.9910, 55.8040, -31.1720

Conversions

Conversions Part 2

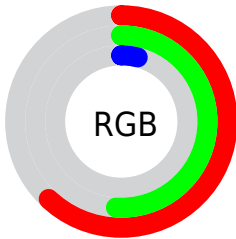
Format	Color
R_{YB}	45, 158, 9
Decimal	10387721
CIE _{Lab}	55.06, 0.70, 58.71
CIE _{LCh}	55, 58.713, 89.320
Yxy	22.9893, 0.4534, 0.4738
Android (android.graphics.Color)	4288577801 (0xFF9E8109)
YUV	123.9910, -56.6906, 29.8259
Hunter-Lab	47.9472, -2.0046, 29.1902

Details

The Hex color **9E8109** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **09269E**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **D8B547**, and **665000** is the 20% darker color. If you saturate the color by 10%, you get **9E7F00**, and if you desaturate by 10%, it is **9E8419**.

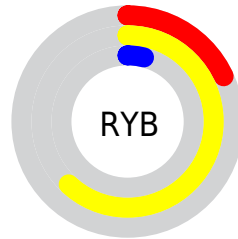
Distribution



Red (62%)

Green (51%)

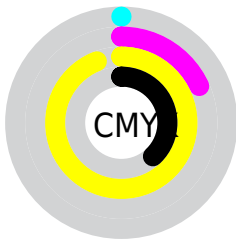
Blue (4%)



Red (18%)

Yellow (62%)

Blue (4%)

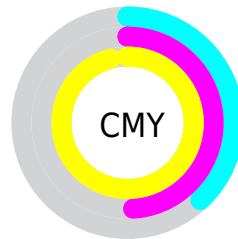


Cyan (0%)

Magenta (18%)

Yellow (94%)

Black (38%)



Cyan (38%)

Magenta (49%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9E8109 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 9E8109 by changing the saturation by 10% instead.



9E8109



9E8109

FFFFFF



826800



D8B547



665000



F6D162



4B3A00



FFED7D



312400



FFFF98



181000



FFFFB4



000000



FFFFD0



FFFFED



9E8109



9E8109

■ 9E7F00

■ 9E8419

■ 9E8729

■ 9E8A38

■ 9E8D48

■ 9E9058

■ 9E9368

■ 9E9778

■ 9E9A87

■ 9E9D97

Harmonies

Analogous

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



C56D2A



9E8109



6C8F20

Triad

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



9E8109



009BB4



C060B9

Complementary

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



9E8109



09269E

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.



8077DD



9E8109



0096DB

Square

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



9E8109



009B81



008AEA



DC5287

Rectangle

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



9E8109



3E953D



008AEA



AF67C7

Sweetspot

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



9E8109



CFC395



9E0927



696245



E8E8E8



696969

Same Dimension

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



9E8109



CFA600



719E09



4F4E47



8F7300



0F0C00

Inverse Universe

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



09269E



0028CF



36099E



47494F



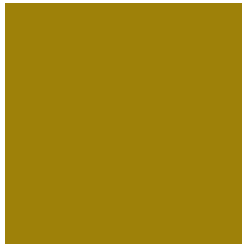
001C8F



00030F

Previews

White Background



This preview shows how the Hex color 9E8109 looks on a white background.

Color Contrast Check

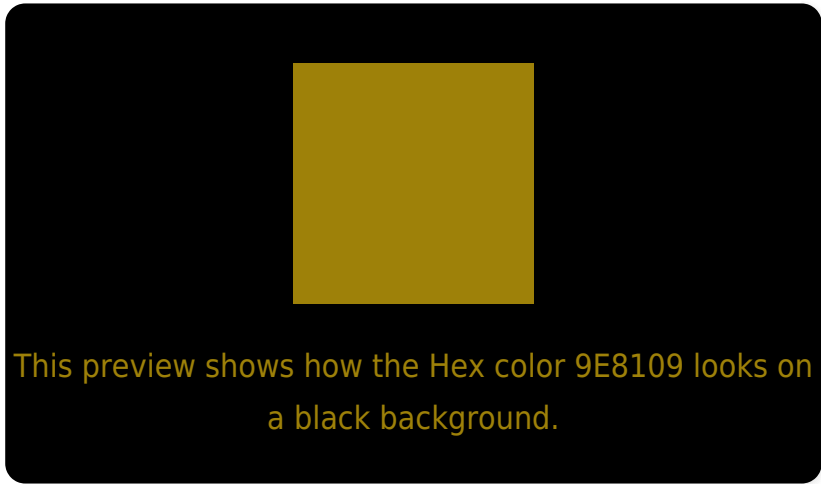
Large Text (above 18pt) WCAG AA ✓ Pass

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 9E8109 Background



This preview shows how black text looks on a background with the Hex color 9E8109.

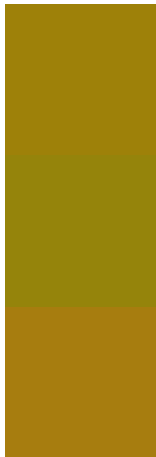


This preview shows how white text looks on a background with the Hex color 9E8109.

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
9E8109

Protanopia
95840B

Deuteranopia
A77D0F



Tritanopia
A57881

Trichromacy



Original Color
9E8109

Protanomaly
98830A

Deuteranomaly
A47E0D

Tritanomaly
A27B55

Monochromacy



Original Color
9E8109

Achromatopsia
7C7C7C

Achromatomaly
887E52

CSS Examples

Text

The CSS property to change the color of the text to Hex 9E8109 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 #9E8109 looks like.

```
.text, #text, p{  
    color:#9E8109  
}
```

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 #9E8109 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9E8109
}
```

Border

The CSS property to change the border of an element to Hex 9E8109 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
#9E8109 }
```

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

```
.border{ border-color:#9E8109 }
```

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

Here you see how a box with a 4 pixel #9E8109 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9E8109; -webkit-box-shadow:4px 4px  
4px 4px #9E8109; box-shadow:4px 4px 4px  
4px #9E8109 }
```

Background

The CSS property to change the background color of an element to Hex 9E8109 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9E8109 }
```

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

```
.background{ background-color:#9E8109 }
```

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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