

# Converting Colors

Hex(9F8107)

Have a look what the booklet for  
Hex(9F8107) contains.

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**Color**

**Hex(9F8107)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9F8107
RGB	159, 129, 7
RGB Percent	62%, 51%, 3%
CMY	0.3765, 0.4941, 0.9725
CMYK	0.00, 0.19, 0.96, 0.38
HSL	48°, 92%, 33%
HSV	48°, 96%, 62%
XYZ	22.1867, 23.0868, 3.4878
YIQ	124.0620, 57.0420, -31.5820

# Conversions

## Conversions Part 2

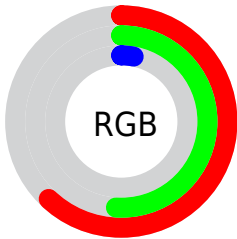
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	44, 159, 7
Decimal	10453255
CIE Lab	55.16, 1.13, 59.17
CIE LCh	55, 59.185, 88.906
Yxy	23.0868, 0.4550, 0.4735
Android (android.graphics.Color)	4288643335 (0xFF9F8107)
YUV	124.0620, -57.7116, 30.6406
Hunter-Lab	48.0487, -1.6621, 29.3302

# Details

The Hex color **9F8107** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **07259F**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **DAB547**, and **675000** is the 20% darker color. If you saturate the color by 10%, you get **9F8000**, and if you desaturate by 10%, it is **9F8417**.

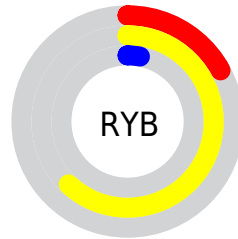
# Distribution



Red (62%)

Green (51%)

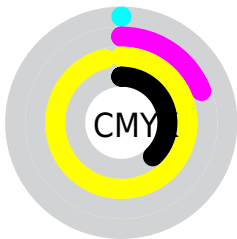
Blue (3%)



Red (17%)

Yellow (62%)

Blue (3%)

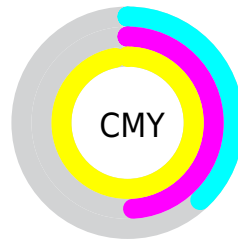


Cyan (0%)

Magenta (19%)

Yellow (96%)

Black (38%)



Cyan (38%)

Magenta (49%)

Yellow (97%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9F8107 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 9F8107 by changing the saturation by 10% instead.



 9F8107

 9F8107

FFFFFF

 836800

 DAB547

 675000

 F8D161

 4C3A00

 FFED7C

 322400

 FFFF97

 191000

 FFFFB3

 000000

 FFFF00

 FFFFEC

 9F8107

 9F8107

■ 9F8000

■ 9F8417

■ 9F8727

■ 9F8A37

■ 9F8E47

■ 9F9157

■ 9F9466

■ 9F9776

■ 9F9A86

■ 9F9D96

# Harmonies

## Analogous

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



C66D2A



9F8107



6C8F1E

# Triad

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



9F8107



009CB4



C060BA

# Complementary

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



9F8107



07259F

# 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.



7F77DE



9F8107



0097DB

# Square

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



9F8107



009C81



008BEB



DD5188

# Rectangle

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



9F8107



3F963C



008BEB



AF68C8



# Sweetspot

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



9F8107



CFC393



9F0725



696144



E8E8E8



696969



# Same Dimension

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



9F8107



CFA600



719F07



4F4D47



8F7300



0F0C00



# Inverse Universe

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



07259F



0029CF



35079F



47494F



001C8F

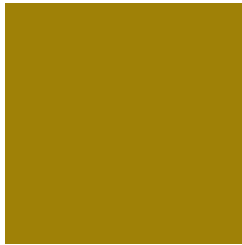


00030F



# Previews

## White Background



This preview shows how the Hex color 9F8107 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 9F8107 Background



This preview shows how black text looks on a background with the Hex color 9F8107.

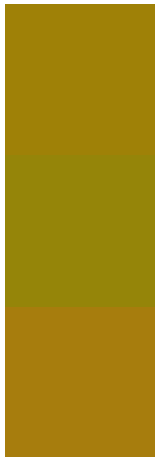


This preview shows how white text looks on a background with the Hex color 9F8107.

# 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**  
9F8107

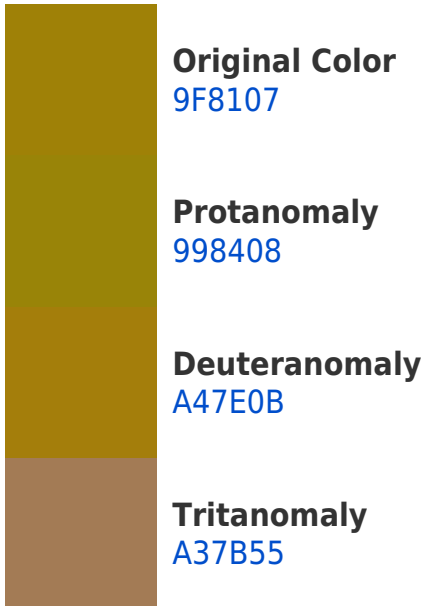
**Protanopia**  
958509

**Deuteranopia**  
A77D0D

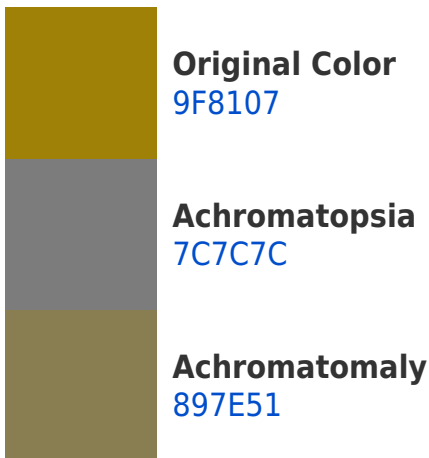


**Tritanopia**  
A67881

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9F8107 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 #9F8107 looks like.

```
.text, #text, p{  
    color:#9F8107  
}
```

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 #9F8107 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9F8107
}
```

## Border

The CSS property to change the border of an element to Hex 9F8107 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
#9F8107 }
```

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

```
.border{ border-color:#9F8107 }
```

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

Here you see how a box with a 4 pixel #9F8107 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9F8107; -webkit-box-shadow:4px 4px  
4px 4px #9F8107; box-shadow:4px 4px 4px  
4px #9F8107 }
```

# Background

The CSS property to change the background color of an element to Hex 9F8107 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9F8107 }
```

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

```
.background{ background-color:#9F8107 }
```

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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