

# Converting Colors

Hex(9F9D0D)

Have a look what the booklet for  
Hex(9F9D0D) contains.

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**Color**

**Hex(9F9D0D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9F9D0D
RGB	159, 157, 13
RGB Percent	62%, 62%, 5%
CMY	0.3765, 0.3843, 0.9490
CMYK	0.00, 0.01, 0.92, 0.38
HSL	59°, 85%, 34%
HSV	59°, 92%, 62%
XYZ	26.4277, 31.5139, 5.0707
YIQ	141.1820, 47.4160, -44.3600

# Conversions

## Conversions Part 2

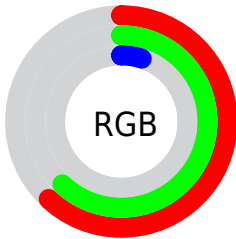
<b>Format</b>	<b>Color</b>
<b>RYB</b>	15, 159, 13
Decimal	10460429
CIELab	62.94, -13.91, 64.15
CIElCh	63, 65.637, 102.235
Yxy	31.5139, 0.4194, 0.5001
Android (android.graphics.Color)	4288650509 (0xFF9F9D0D)
YUV	141.1820, -63.1937, 15.6264
Hunter-Lab	56.1373, -14.2079, 33.9406

# Details

The Hex color **9F9D0D** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **0D0F9F**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **D9D34E**, and **676A00** is the 20% darker color. If you saturate the color by 10%, you get **9F9D00**, and if you desaturate by 10%, it is **9F9D1D**.

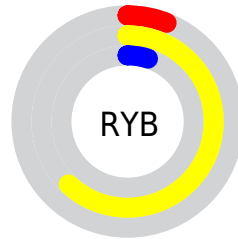
# Distribution



Red (62%)

Green (62%)

Blue (5%)



Red (6%)

Yellow (62%)

Blue (5%)

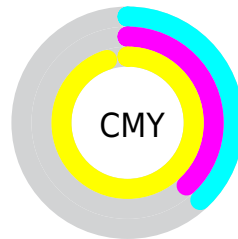


Cyan (0%)

Magenta (1%)

Yellow (92%)

Black (38%)



Cyan (38%)

Magenta (38%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9F9D0D 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 9F9D0D by changing the saturation by 10% instead.



 9F9D0D

 9F9D0D

FFFFFF

 838300

 D9D34E

 676A00

 F7F06A

 4C5200

 FFFF85

 323B00

 FFFFA1

 192600

 FFFFBD

 001200

 FFFFDA

 000000

 FFFFF7

 9F9D0D

 9F9D0D

 9F9D00

 9F9D1D

 9F9D2D

 9F9E3D

 9F9E4D

 9F9E5D

 9F9E6C

 9F9F7C

 9F9F8C

 9F9F9C

# Harmonies

## Analogous

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



D1891E



9F9D0D



5DAA3B

# Triad

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



9F9D0D



00B1E6



EF65BD

# Complementary

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



9F9D0D



0D0F9F

# 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.



B97EEF



9F9D0D



00A8FF

# Square

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



9F9D0D



00B4AF



4897FF



FF5F83

# Rectangle

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



9F9D0D



00B05F



4897FF



E26DD0



# Sweetspot

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



9F9D0D



CFCE95



9F0D0F



696845



E8E8E8



696969



# Same Dimension

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



9F9D0D



CFCC00



589F0D



4F4F47



8F8D00



0F0F00



# Inverse Universe

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



0D0F9F



0003CF



540D9F



47474F



00028F



00000F



# Previews

## White Background



This preview shows how the Hex color 9F9D0D looks on a white background.

## Color Contrast Check

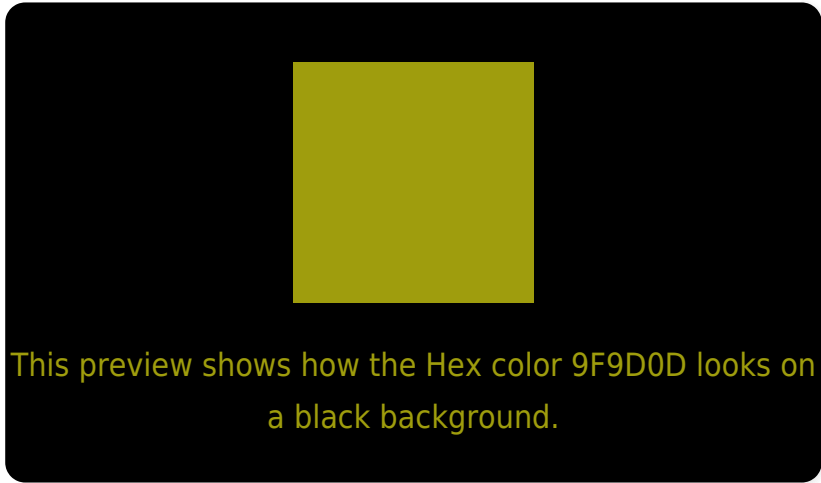
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

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



## Hex 9F9D0D Background



This preview shows how black text looks on a background with the Hex color 9F9D0D.



This preview shows how white text looks on a background with the Hex color 9F9D0D.

# 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**  
9F9D0D

**Protanopia**  
AC990B

**Deuteranopia**  
C0901A



**Tritanopia**  
A9929D

# Trichromacy



**Original Color**  
9F9D0D

**Protanomaly**  
A79A0C

**Deuteranomaly**  
B49515

**Tritanomaly**  
A59669

# Monochromacy



**Original Color**  
9F9D0D

**Achromatopsia**  
8D8D8D

**Achromatomaly**  
94935E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9F9D0D 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 #9F9D0D looks like.

```
.text, #text, p{  
    color:#9F9D0D  
}
```

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 #9F9D0D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9F9D0D
}
```

## Border

The CSS property to change the border of an element to Hex 9F9D0D 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
#9F9D0D }
```

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

```
.border{ border-color:#9F9D0D }
```

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

Here you see how a box with a 4 pixel #9F9D0D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9F9D0D; -webkit-box-shadow:4px 4px  
4px 4px #9F9D0D; box-shadow:4px 4px 4px  
4px #9F9D0D }
```

# Background

The CSS property to change the background color of an element to Hex 9F9D0D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9F9D0D }
```

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

```
.background{ background-color:#9F9D0D }
```

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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