

# Converting Colors

Hex(9D930B)

Have a look what the booklet for  
Hex(9D930B) contains.

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**Color**

**Hex(9D930B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9D930B
RGB	157, 147, 11
RGB Percent	62%, 58%, 4%
CMY	0.3843, 0.4235, 0.9569
CMYK	0.00, 0.06, 0.93, 0.38
HSL	56°, 87%, 33%
HSV	56°, 93%, 62%
XYZ	24.3988, 28.0597, 4.4467
YIQ	134.4860, 49.6160, -40.1760

# Conversions

## Conversions Part 2

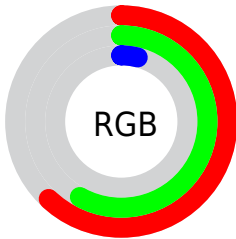
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	22, 157, 11
Decimal	10326795
CIE <sub>Lab</sub>	59.94, -9.57, 62.06
CIE <sub>LCh</sub>	60, 62.795, 98.765
Yxy	28.0597, 0.4288, 0.4931
Android (android.graphics.Color)	4288516875 (0xFF9D930B)
YUV	134.4860, -60.8786, 19.7448
Hunter-Lab	52.9714, -10.4824, 32.1028

# Details

The Hex color **9D930B** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **0B159D**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **D7C94C**, and **656100** is the 20% darker color. If you saturate the color by 10%, you get **9D9200**, and if you desaturate by 10%, it is **9D941B**.

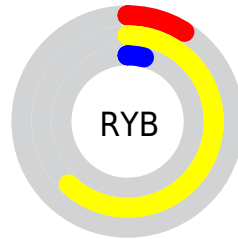
# Distribution



Red (62%)

Green (58%)

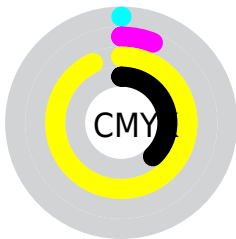
Blue (4%)



Red (9%)

Yellow (62%)

Blue (4%)

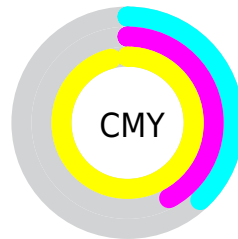


Cyan (0%)

Magenta (6%)

Yellow (93%)

Black (38%)



Cyan (38%)

Magenta (42%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9D930B 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 9D930B by changing the saturation by 10% instead.





9D930B



9D930B

FFFFFF



817900



D7C94C



656100



F5E567



4B4900



FFFF82



303300



FFFF9E



181E00



FFFFBA



000000



FFFFD6



FFFFF3



9D930B



9D930B

■ 9D9200

■ 9D941B

■ 9D952A

■ 9D963A

■ 9D974A

■ 9D9859

■ 9D9969

■ 9D9B79

■ 9D9C89

■ 9D9D98

# Harmonies

## Analogous

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



CB7F21



9D930B



61A032

# Triad

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



9D930B



00A9D4



DF63BA

# Complementary

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



9D930B



0B159D

# 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.



A77AE7



9D930B



00A1F7

# Square

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



9D930B



00AAA0



2A91FE



F45A82

# Rectangle

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



9D930B



18A654



2A91FE



D16ACB



# Sweetspot

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



9D930B



CCC893



9D0B17



666443



E6E6E6



666666



# Same Dimension

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



9D930B



CCBE00



609D0B



4F4F47



8F8500



0F0E00



# Inverse Universe

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



0B159D



000ECC



480B9D



47484F



000A8F



00010F



# Previews

## White Background



This preview shows how the Hex color 9D930B looks on a white background.

## Color Contrast Check

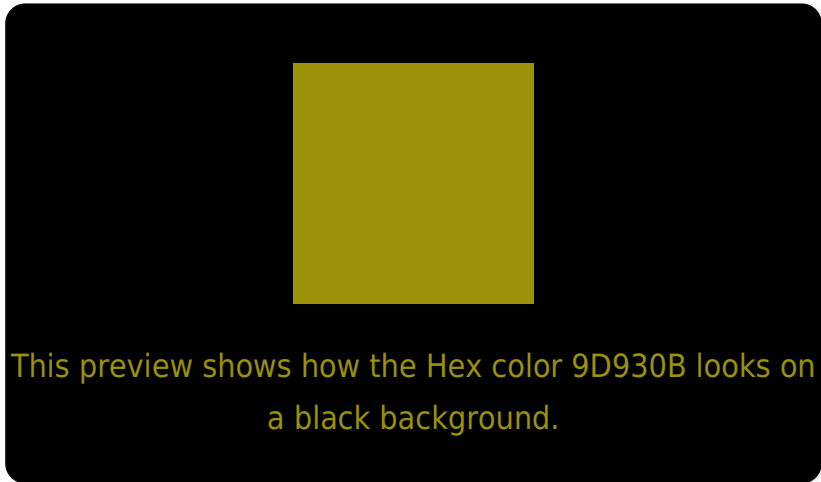
Large Text (above 18pt) WCAG AA ✓ Pass

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 9D930B Background



This preview shows how black text looks on a background with the Hex color 9D930B.



This preview shows how white text looks on a background with the Hex color 9D930B.

# 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**  
9D930B

**Protanopia**  
A3910A

**Deuteranopia**  
B68917

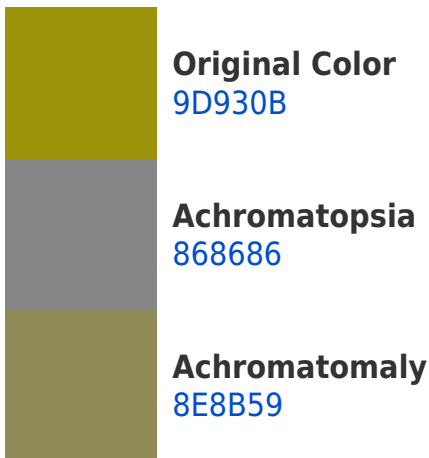


**Tritanopia**  
A68993

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9D930B 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 #9D930B looks like.

```
.text, #text, p{  
    color:#9D930B  
}
```

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 #9D930B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9D930B
}
```

## Border

The CSS property to change the border of an element to Hex 9D930B 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
#9D930B }
```

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

```
.border{ border-color:#9D930B }
```

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

Here you see how a box with a 4 pixel #9D930B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9D930B; -webkit-box-shadow:4px 4px  
4px 4px #9D930B; box-shadow:4px 4px 4px  
4px #9D930B }
```

# Background

The CSS property to change the background color of an element to Hex 9D930B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9D930B }
```

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

```
.background{ background-color:#9D930B }
```

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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