

Converting Colors

Hex(9D8911)

Have a look what the booklet for
Hex(9D8911) contains.

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Color

Hex(9D8911)

Conversions

Conversions Part 1	
Format	Color
Hex	9D8911
RGB	157, 137, 17
RGB Percent	62%, 54%, 7%
CMY	0.3843, 0.4627, 0.9333
CMYK	0.00, 0.13, 0.89, 0.38
HSL	51°, 80%, 34%
HSV	51°, 89%, 62%
XYZ	22.9515, 25.0999, 4.1654
YIQ	129.3000, 50.4400, -33.0800

Conversions

Conversions Part 2

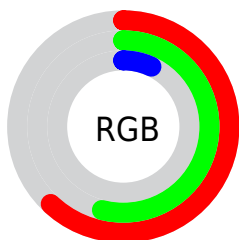
Format	Color
RYB	40, 157, 17
Decimal	10324241
CIELab	57.17, -4.04, 58.77
CIELCh	57, 58.908, 93.933
Yxy	25.0999, 0.4395, 0.4807
Android (android.graphics.Color)	4288514321 (0xFF9D8911)
YUV	129.3000, -55.3639, 24.2929
Hunter-Lab	50.0998, -5.9011, 30.1404

Details

The Hex color **9D8911** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **11259D**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **D7BE4C**, and **655800** is the 20% darker color. If you saturate the color by 10%, you get **9D8701**, and if you desaturate by 10%, it is **9D8B21**.

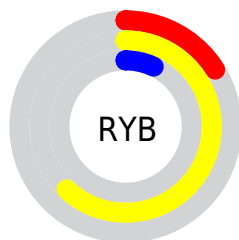
Distribution



Red (62%)

Green (54%)

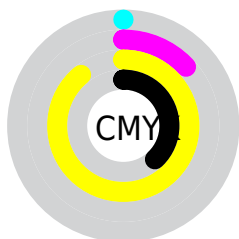
Blue (7%)



Red (16%)

Yellow (62%)

Blue (7%)

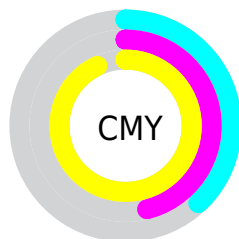


Cyan (0%)

Magenta (13%)

Yellow (89%)

Black (38%)



Cyan (38%)

Magenta (46%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9D8911 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 9D8911 by changing the saturation by 10% instead.



9D8911



9D8911

FFFFFF



817000



D7BE4C



655800



F5DA67



4B4100



FFF682



312B00



FFFF9D



181700



FFFFB9



000000



FFFFD6



FFFFF3



9D8911



9D8911

 9D8701

 9D8B21

 9D8700

 9D8D30

 9D9040

 9D9250

 9D9460

 9D966F

 9D997F

 9D9B8F

 9D9D9E

Harmonies

Analogous

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



C67629



9D8911



68972C

Triad

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



9D8911



00A1C1



CC62B7

Complementary

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



9D8911



11259D

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.



9379DF



9D8911



009AE5

Square

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



9D8911



00A18F



008DF0



E55785

Rectangle

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



9D8911



359C49



008DF0



BD69C6

Sweetspot

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



9D8911



CCC495



9D1126



666145



E6E6E6



666666

Same Dimension

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



9D8911



CCAF00



6C9D11



4F4E47



8F7A00



0F0D00

Inverse Universe

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



11259D



001DCC



42119D



47484F



00148F



00020F

Previews

White Background



This preview shows how the Hex color 9D8911 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



This preview shows how the Hex color 9D8911 looks on a 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 9D8911 Background



This preview shows how black text looks on a background with the Hex color 9D8911.



This preview shows how white text looks on a background with the Hex color 9D8911.

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
9D8911

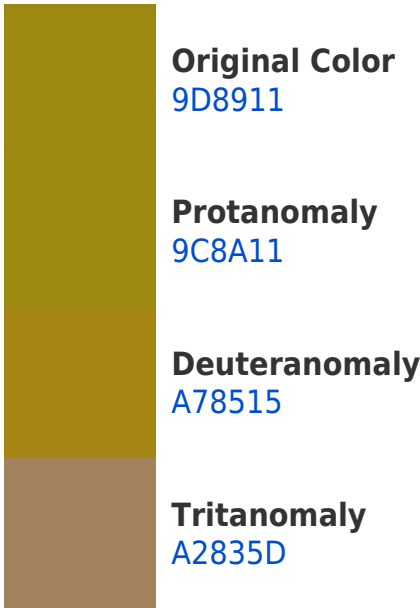
Protanopia
9B8A11

Deuteranopia
AD8217

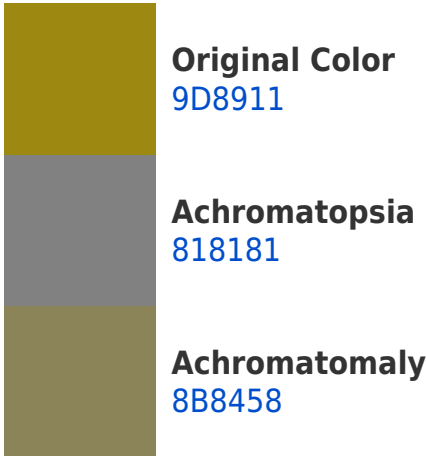


Tritanopia
A57F89

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9D8911 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 #9D8911 looks like.

```
.text, #text, p{  
    color:#9D8911  
}
```

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 #9D8911 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9D8911
}
```

Border

The CSS property to change the border of an element to Hex 9D8911 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
#9D8911 }
```

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

```
.border{ border-color:#9D8911 }
```

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

Here you see how a box with a 4 pixel #9D8911 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9D8911; -webkit-box-shadow:4px 4px  
4px 4px #9D8911; box-shadow:4px 4px 4px  
4px #9D8911 }
```

Background

The CSS property to change the background color of an element to Hex 9D8911 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9D8911 }
```

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

```
.background{ background-color:#9D8911 }
```

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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