

Converting Colors

Hex(9C9017)

Have a look what the booklet for
Hex(9C9017) contains.

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Color

Hex(9C9017)

Conversions

Conversions Part 1

Format	Color
Hex	9C9017
RGB	156, 144, 23
RGB Percent	61%, 56%, 9%
CMY	0.3882, 0.4353, 0.9098
CMYK	0.00, 0.08, 0.85, 0.39
HSL	55°, 74%, 35%
HSV	55°, 85%, 61%
XYZ	23.8382, 27.0763, 4.7805
YIQ	133.7940, 45.9930, -35.0870

Conversions

Conversions Part 2

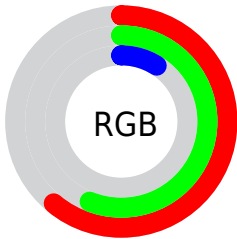
Format	Color
RYB	36, 156, 23
Decimal	10260503
CIELab	59.04, -8.15, 58.83
CIElCh	59, 59.394, 97.888
Yxy	27.0763, 0.4280, 0.4862
Android (android.graphics.Color)	4288450583 (0xFF9C9017)
YUV	133.7940, -54.6214, 19.4747
Hunter-Lab	52.0349, -9.2867, 30.9774

Details

The Hex color **9C9017** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **17239C**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **D6C551**, and **655E00** is the 20% darker color. If you saturate the color by 10%, you get **9C8F07**, and if you desaturate by 10%, it is **9C9127**.

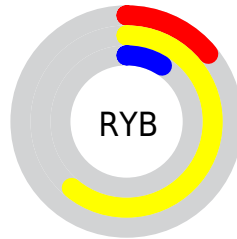
Distribution



Red (61%)

Green (56%)

Blue (9%)



Red (14%)

Yellow (61%)

Blue (9%)

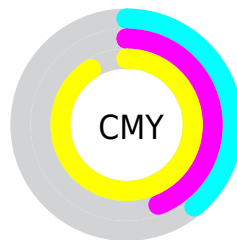


Cyan (0%)

Magenta (8%)

Yellow (85%)

Black (39%)



Cyan (39%)

Magenta (44%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9C9017 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 9C9017 by changing the saturation by 10% instead.



9C9017



9C9017

FFFFFF



807700



D6C551



655E00



F3E16C



4A4700



FFFE87



303100



FFFFA2



181C00



FFFFBE



000000



FFFFDB



FFFFF8



9C9017



9C9017

■ 9C8F07

■ 9C9127

■ 9C8E00

■ 9C9336

■ 9C9446

■ 9C9655

■ 9C9765

■ 9C9875

■ 9C9A84

■ 9C9B94

■ 9C9DA3

Harmonies

Analogous

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



C87D28



9C9017



649D35

Triad

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



9C9017



00A5CD



D764B6

Complementary

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



9C9017



17239C

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.



A27AE1



9C9017



009EEE

Square

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



9C9017



00A79B



3090F6



EC5C82

Rectangle

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



9C9017



29A254



3090F6



CA6BC6

Sweetspot

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



9C9017



CCC797



9C1724



666346



E6E6E6



666666

Same Dimension

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



9C9017



CCBA00



679C17



4F4E47



8F8200



0F0E00

Inverse Universe

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



17239C



0012CC



4C179C



47484F



000D8F



00010F

Previews

White Background



This preview shows how the Hex color 9C9017 looks on a white background.

Color Contrast Check

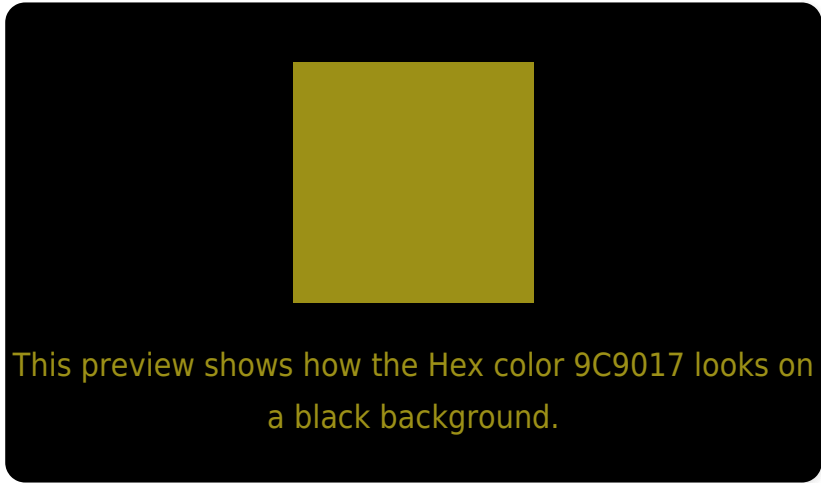
Large Text (above 18pt) WCAG AA ✓ Pass

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 9C9017 Background



This preview shows how black text looks on a background with the Hex color 9C9017.



This preview shows how white text looks on a background with the Hex color 9C9017.

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
9C9017

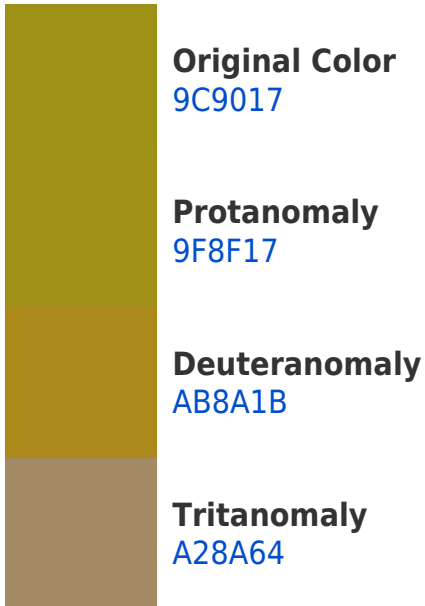
Protanopia
A08F17

Deuteranopia
B3871D



Tritanopia
A58690

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9C9017 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 #9C9017 looks like.

```
.text, #text, p{  
    color:#9C9017  
}
```

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 #9C9017 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9C9017
}
```

Border

The CSS property to change the border of an element to Hex 9C9017 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
#9C9017 }
```

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

```
.border{ border-color:#9C9017 }
```

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

Here you see how a box with a 4 pixel #9C9017 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9C9017; -webkit-box-shadow:4px 4px  
4px 4px #9C9017; box-shadow:4px 4px 4px  
4px #9C9017 }
```

Background

The CSS property to change the background color of an element to Hex 9C9017 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9C9017 }
```

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

```
.background{ background-color:#9C9017 }
```

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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