

# Converting Colors

Hex(909C2F)

Have a look what the booklet for  
Hex(909C2F) contains.

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**Color**

**Hex(909C2F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	909C2F
RGB	144, 156, 47
RGB Percent	56%, 61%, 18%
CMY	0.4353, 0.3882, 0.8157
CMYK	0.08, 0.00, 0.70, 0.39
HSL	67°, 54%, 40%
HSV	67°, 70%, 61%
XYZ	23.9032, 29.9115, 7.2030
YIQ	139.9860, 27.8370, -36.4430

# Conversions

## Conversions Part 2

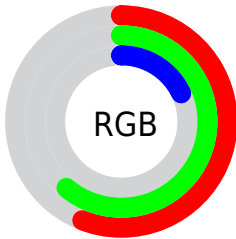
<b>Format</b>	<b>Color</b>
<b>RYB</b>	47, 156, 59
Decimal	9477167
CIELab	61.58, -18.78, 52.87
CIELCh	62, 56.105, 109.559
Yxy	29.9115, 0.3917, 0.4902
Android (android.graphics.Color)	4287667247 (0xFF909C2F)
YUV	139.9860, -45.8421, 3.5203
Hunter-Lab	54.6914, -17.6955, 30.4753

# Details

The Hex color **909C2F** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **3B2F9C**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **C8D264**, and **5A6900** is the 20% darker color. If you saturate the color by 10%, you get **8E9C1F**, and if you desaturate by 10%, it is **929C3F**.

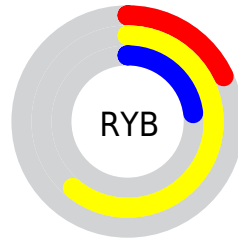
# Distribution



Red (56%)

Green (61%)

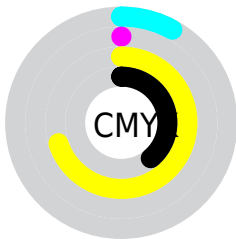
Blue (18%)



Red (18%)

Yellow (61%)

Blue (23%)

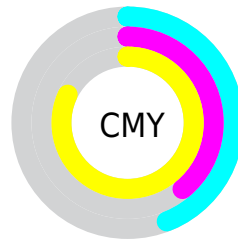


Cyan (8%)

Magenta (0%)

Yellow (70%)

Black (39%)



Cyan (44%)

Magenta (39%)

Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 909C2F 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 909C2F by changing the saturation by 10% instead.



 909C2F

 909C2F

FFFFFF

 758210

 C8D264

 5A6900

 E5EF7E

 415100

 FFFF9A

 273A00

 FFFFB5

 0D2400

 FFFFD1

 000B00

 FFFFEE

 000000

 909C2F

 909C2F

 8E9C1F

 929C3F

■ 8D9C10

■ 939C4E

■ 8B9C00

■ 959C5E

■ 979C6D

■ 999C7D

■ 9A9C8D

■ 9C9C9C

■ 9E9CAC

■ 9F9CBB

# Harmonies

## Analogous

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



BE8C2D



909C2F



54A651

# Triad

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



909C2F



00A9DF



E669A8

# Complementary

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



909C2F



3B2F9C

# 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.



C07AD6



909C2F



009FF6

# Square

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



909C2F



00ADB4



778FF3



F06976

# Rectangle

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



909C2F



00AA70



778FF3



DD6EB9



# Sweetspot

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



909C2F



C7CCA1



9C3A2F



63664D



E6E6E6



666666



# Same Dimension

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



909C2F



B9CC21



5B9C2F



4E4F47



7F8F00



0E0F00



# Inverse Universe

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



3B2F9C



3421CC



702F9C



48474F



10008F



02000F



# Previews

## White Background



This preview shows how the Hex color 909C2F looks on a white background.

## Color Contrast Check

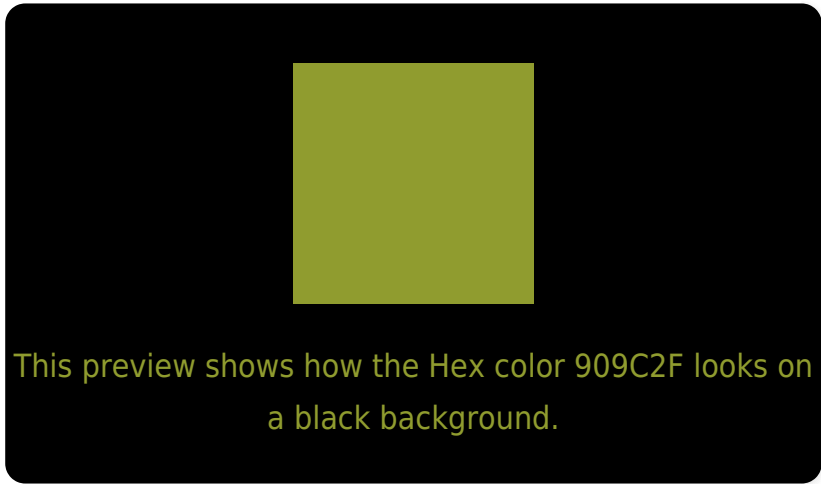
Large Text (above 18pt) WCAG AA ✓ Pass

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

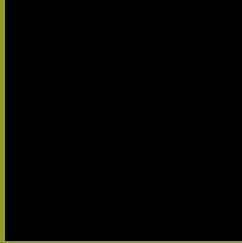
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 909C2F Background



This preview shows how black text looks on a background with the Hex color 909C2F.



This preview shows how white text looks on a background with the Hex color 909C2F.

# 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](#).

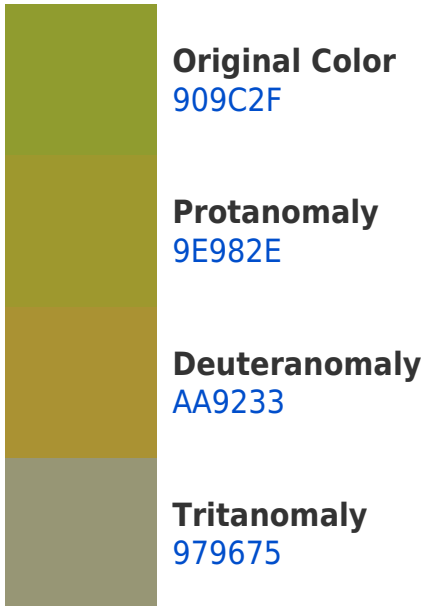
## Dichromacy





**Tritanopia**  
9B929D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 909C2F 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 #909C2F looks like.

```
.text, #text, p{  
    color:#909C2F  
}
```

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 #909C2F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #909C2F
}
```

## Border

The CSS property to change the border of an element to Hex 909C2F 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
#909C2F }
```

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

```
.border{ border-color:#909C2F }
```

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

Here you see how a box with a 4 pixel #909C2F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #909C2F; -webkit-box-shadow:4px 4px  
4px 4px #909C2F; box-shadow:4px 4px 4px  
4px #909C2F }
```

# Background

The CSS property to change the background color of an element to Hex 909C2F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#909C2F }
```

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

```
.background{ background-color:#909C2F }
```

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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