

# Converting Colors

Hex(999A1C)

Have a look what the booklet for  
Hex(999A1C) contains.

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**Color**

**Hex(999A1C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	999A1C
RGB	153, 154, 28
RGB Percent	60%, 60%, 11%
CMY	0.4000, 0.3961, 0.8902
CMYK	0.01, 0.00, 0.82, 0.40
HSL	60°, 69%, 36%
HSV	60°, 82%, 60%
XYZ	24.9021, 29.9673, 5.5704
YIQ	139.3370, 39.8500, -39.3980

# Conversions

## Conversions Part 2

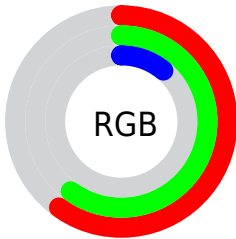
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	28, 154, 29
Decimal	10066460
CIE Lab	61.63, -14.65, 59.59
CIE LCh	62, 61.368, 103.816
Yxy	29.9673, 0.4120, 0.4958
Android (android.graphics.Color)	4288256540 (0xFF999A1C)
YUV	139.3370, -54.8891, 11.9825
Hunter-Lab	54.7424, -14.6005, 32.2866

# Details

The Hex color **999A1C** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **1D1C9A**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **D2D055**, and **626700** is the 20% darker color. If you saturate the color by 10%, you get **999A0D**, and if you desaturate by 10%, it is **999A2B**.

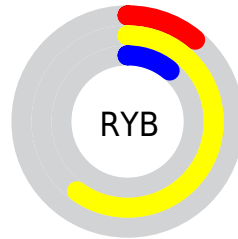
# Distribution



Red (60%)

Green (60%)

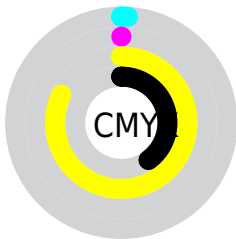
Blue (11%)



Red (11%)

Yellow (60%)

Blue (11%)

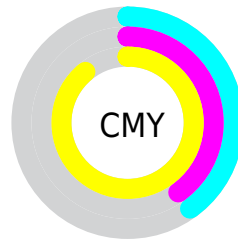


Cyan (1%)

Magenta (0%)

Yellow (82%)

Black (40%)



Cyan (40%)

Magenta (40%)

Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 999A1C 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 999A1C by changing the saturation by 10% instead.





999A1C



999A1C

FFFFFF



7D8000



D2D055



626700



F0EC70



484F00



FFFF8C



2D3900



FFFFA7



152300



FFFFC3



000B00



FFFFE0



000000

FFFFFFE



999A1C



999A1C

■ 999A0D

■ 999A2B

■ 999A00

■ 999A3B

■ 999A4A

■ 999A5A

■ 9A9A69

■ 9A9A78

■ 9A9A88

■ 9A9A97

■ 9A9AA7

# Harmonies

## Analogous

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



C98724



999A1C



5BA641

# Triad

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



999A1C



00ACDF



E866B5

# Complementary

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



999A1C



1D1C9A

# 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.



B87BE4



999A1C



00A3FD

# Square

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



999A1C



00AFAD



5892FF



F7617E

# Rectangle

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



999A1C



00AB62



5892FF



DC6CC6



# Sweetspot

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



999A1C



C9C997



9A1C1C



666647



E6E6E6



666666



# Same Dimension

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



999A1C



C8C904



5B9A1C



4C4D45



8B8C00



0D0D00



# Inverse Universe

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



1D1C9A



0604C9



5B1C9A



45454D



01008C



00000D



# Previews

## White Background



This preview shows how the Hex color 999A1C looks on a white background.

## Color Contrast Check

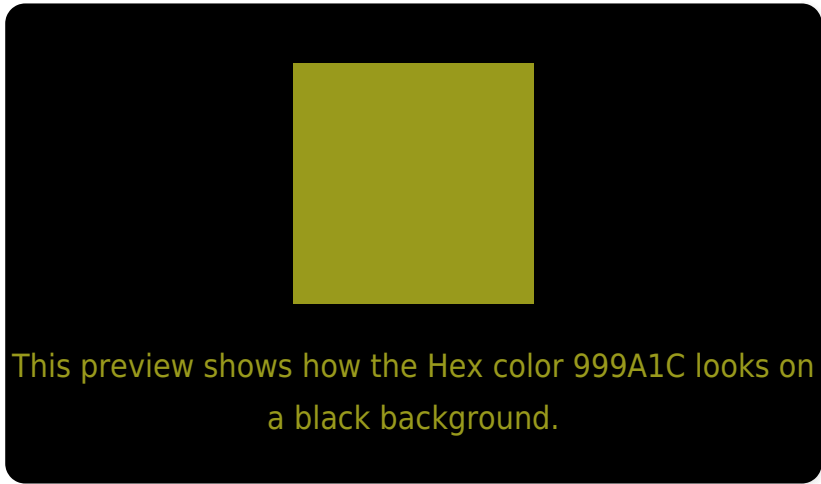
Large Text (above 18pt) WCAG AA ✓ Pass

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 999A1C Background



This preview shows how black text looks on a background with the Hex color 999A1C.



This preview shows how white text looks on a background with the Hex color 999A1C.

# 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**  
999A1C

**Protanopia**  
A8951B

**Deuteranopia**  
BB8D24



**Tritanopia**  
A38F9B

# Trichromacy



**Original Color**  
999A1C

**Protanomaly**  
A3971B

**Deuteranomaly**  
AF9221

**Tritanomaly**  
9F936D

# Monochromacy



**Original Color**  
999A1C

**Achromatopsia**  
8B8B8B

**Achromatomaly**  
909063

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 999A1C 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 #999A1C looks like.

```
.text, #text, p{  
    color:#999A1C  
}
```

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 #999A1C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #999A1C
}
```

## Border

The CSS property to change the border of an element to Hex 999A1C 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
#999A1C }
```

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

```
.border{ border-color:#999A1C }
```

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

Here you see how a box with a 4 pixel #999A1C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #999A1C; -webkit-box-shadow:4px 4px  
4px 4px #999A1C; box-shadow:4px 4px 4px  
4px #999A1C }
```

# Background

The CSS property to change the background color of an element to Hex 999A1C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#999A1C }
```

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

```
.background{ background-color:#999A1C }
```

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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