

# Converting Colors

Hex(948D1E)

Have a look what the booklet for  
Hex(948D1E) contains.

<b>Hex(948D1E)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(948D1E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	948D1E
RGB	148, 141, 30
RGB Percent	58%, 55%, 12%
CMY	0.4196, 0.4471, 0.8824
CMYK	0.00, 0.05, 0.80, 0.42
HSL	56°, 66%, 35%
HSV	56°, 80%, 58%
XYZ	21.9720, 25.4394, 4.9805
YIQ	130.4390, 39.8030, -33.0370

# Conversions

## Conversions Part 2

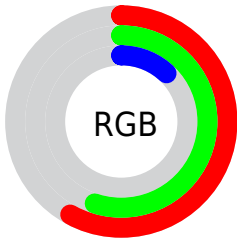
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	37, 148, 30
Decimal	9735454
CIE Lab	57.50, -9.95, 55.20
CIE LCh	58, 56.089, 100.218
Yxy	25.4394, 0.4194, 0.4856
Android (android.graphics.Color)	4287925534 (0xFF948D1E)
YUV	130.4390, -49.5164, 15.4010
Hunter-Lab	50.4375, -10.5060, 29.4515

# Details

The Hex color **948D1E** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **1E2594**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **CDC255**, and **5D5B00** is the 20% darker color. If you saturate the color by 10%, you get **948C0F**, and if you desaturate by 10%, it is **948E2D**.

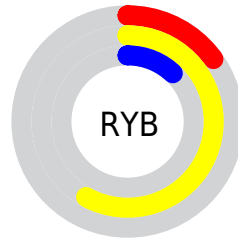
# Distribution



Red (58%)

Green (55%)

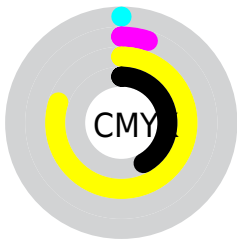
Blue (12%)



Red (15%)

Yellow (58%)

Blue (12%)

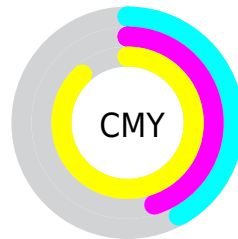


Cyan (0%)

Magenta (5%)

Yellow (80%)

Black (42%)



Cyan (42%)

Magenta (45%)

Yellow (88%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 948D1E 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 948D1E by changing the saturation by 10% instead.





948D1E



948D1E

FFFFFF



787400



CDC255



5D5B00



EADE6F



434400



FFFB8A



2A2E00



FFFA5



0F1A00



FFFC1



000000



FFFFDE



FFFFFB



948D1E



948D1E

■ 948C0F

■ 948E2D

■ 948B00

■ 948F3C

■ 94904A

■ 949159

■ 949168

■ 949277

■ 949386

■ 949494

■ 9495A3

# Harmonies

## Analogous

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



BE7C29



948D1E



5F993A

# Triad

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



948D1E



00A0C8



D262AC

# Complementary

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



948D1E



1E2594

# 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.



A276D5



948D1E



0098E6

# Square

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



948D1E



00A29A



458AEB



E35C7B

# Rectangle

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



948D1E



259E57



458AEB



C568BC



# Sweetspot

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



948D1E



BFBD91



941E26



615F45



E0E0E0



616161



# Same Dimension

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



948D1E



BFB408



61941E



4A4A43



8A8200



0A0A00



# Inverse Universe

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



1E2594



0813BF



511E94



43434A



00088A



00010A



# Previews

## White Background



This preview shows how the Hex color 948D1E looks on a white background.

## Color Contrast Check

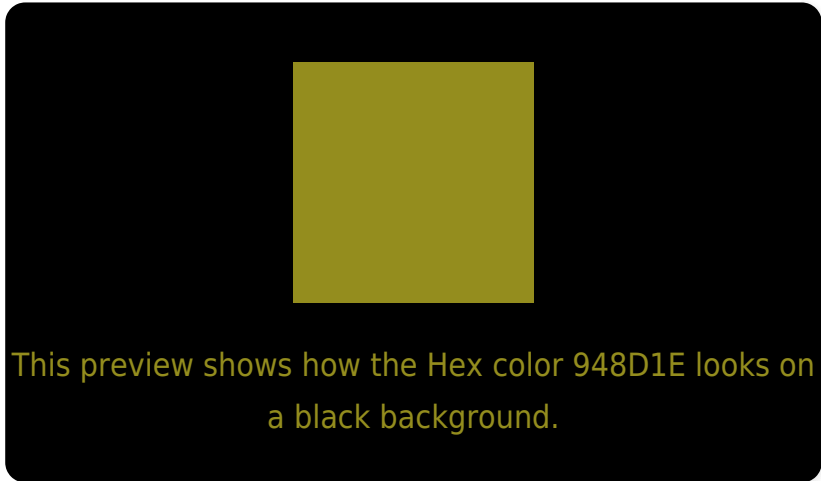
Large Text (above 18pt) WCAG AA ✓ Pass

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 948D1E Background



This preview shows how black text looks on a background with the Hex color 948D1E.



This preview shows how white text looks on a background with the Hex color 948D1E.

# 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**  
948D1E

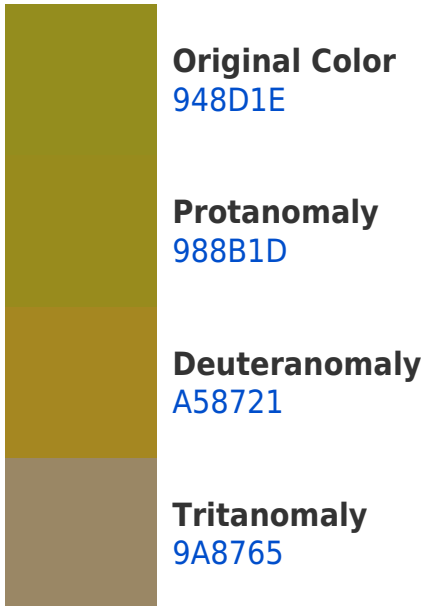
**Protanopia**  
9B8A1D

**Deuteranopia**  
AE8323

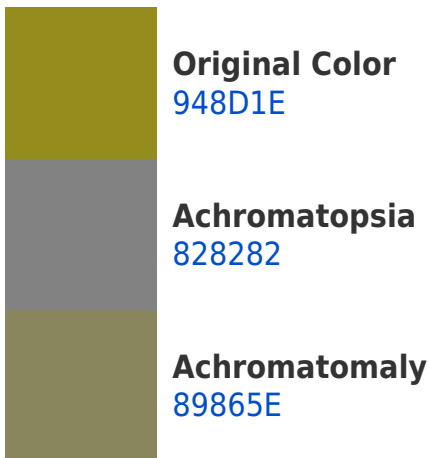


**Tritanopia**  
9D838E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 948D1E 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 #948D1E looks like.

```
.text, #text, p{  
    color:#948D1E  
}
```

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 #948D1E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #948D1E
}
```

## Border

The CSS property to change the border of an element to Hex 948D1E 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
#948D1E }
```

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

```
.border{ border-color:#948D1E }
```

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

Here you see how a box with a 4 pixel #948D1E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #948D1E; -webkit-box-shadow:4px 4px  
4px 4px #948D1E; box-shadow:4px 4px 4px  
4px #948D1E }
```

# Background

The CSS property to change the background color of an element to Hex 948D1E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#948D1E }
```

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

```
.background{ background-color:#948D1E }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor