

# Converting Colors

Hex(7A9128)

Have a look what the booklet for  
Hex(7A9128) contains.

<b>Hex(7A9128)</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(7A9128)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7A9128
RGB	122, 145, 40
RGB Percent	48%, 57%, 16%
CMY	0.5216, 0.4314, 0.8431
CMYK	0.16, 0.00, 0.72, 0.43
HSL	73°, 57%, 36%
HSV	73°, 72%, 57%
XYZ	18.5344, 24.5416, 5.7676
YIQ	126.1530, 19.9970, -37.5310

# Conversions

## Conversions Part 2

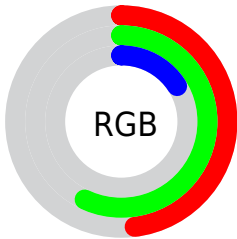
<b>Format</b>	<b>Color</b>
<b>RYB</b>	40, 145, 63
Decimal	8032552
CIELab	56.63, -23.10, 50.11
CIELCh	57, 55.173, 114.748
Yxy	24.5416, 0.3795, 0.5025
Android (android.graphics.Color)	4286222632 (0xFF7A9128)
YUV	126.1530, -42.4734, -3.6422
Hunter-Lab	49.5395, -19.9110, 27.7748

# Details

The Hex color **7A9128** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **3F2891**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **B1C75C**, and **455F00** is the 20% darker color. If you saturate the color by 10%, you get **77911A**, and if you desaturate by 10%, it is **7D9137**.

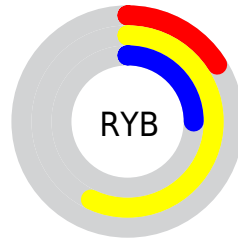
# Distribution



Red (48%)

Green (57%)

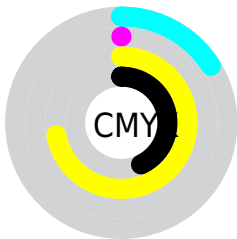
Blue (16%)



Red (16%)

Yellow (57%)

Blue (25%)

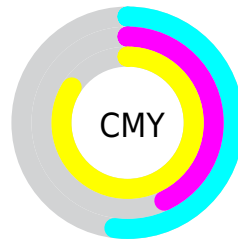


Cyan (16%)

Magenta (0%)

Yellow (72%)

Black (43%)



Cyan (52%)

Magenta (43%)

Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7A9128 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 7A9128 by changing the saturation by 10% instead.





7A9128



7A9128

FFFFFF



5F7707



B1C75C



455F00



CDE377



2D4700



EAFF92



113000



FFFFAD



001D00



FFFC9



000000



FFFE6



7A9128



7A9128



77911A



7D9137

■ 74910B

■ 809145

■ 719100

■ 849154

■ 879162

■ 8A9171

■ 8D917F

■ 90918E

■ 93919C

■ 9791AB

# Harmonies

## Analogous

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



A8831F



7A9128



3A9A4E

# Triad

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



7A9128



009AD6



DA5B92

# Complementary

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



7A9128



3F2891

# 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.



BA6AC0



7A9128



0090E8

# Square

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



7A9128



009FAF



7A7DFD



DE5F62

# Rectangle

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



7A9128



009D6D



7A7FDF



D35FA2



# Sweetspot

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



7A9128



B4BD93



913F28



595E46



DEDEDE



5E5E5E



# Same Dimension

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



7A9128



99BD19



469128



464740



6A8700



060800



# Inverse Universe

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



3F2891



3C19BD



732891



424047



1E0087



020008



# Previews

## White Background



This preview shows how the Hex color 7A9128 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 7A9128 Background



This preview shows how black text looks on a background with the Hex color 7A9128.



This preview shows how white text looks on a background with the Hex color 7A9128.

# 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**  
858792

# Trichromacy



**Original Color**  
7A9128

**Protanomaly**  
8D8B27

**Deuteranomaly**  
98872C

**Tritanomaly**  
818B6B

# Monochromacy



**Original Color**  
7A9128

**Achromatopsia**  
7E7E7E

**Achromatomaly**  
7D855F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7A9128 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 #7A9128 looks like.

```
.text, #text, p{  
    color:#7A9128  
}
```

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 #7A9128 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A9128
}
```

## Border

The CSS property to change the border of an element to Hex 7A9128 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
#7A9128 }
```

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

```
.border{ border-color:#7A9128 }
```

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

Here you see how a box with a 4 pixel #7A9128 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A9128; -webkit-box-shadow:4px 4px  
4px 4px #7A9128; box-shadow:4px 4px 4px  
4px #7A9128 }
```

# Background

The CSS property to change the background color of an element to Hex 7A9128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A9128 }
```

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

```
.background{ background-color:#7A9128 }
```

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