

Converting Colors

Hex(7D940A)

Have a look what the booklet for
Hex(7D940A) contains.

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Color

Hex(7D940A)

Conversions

Conversions Part 1

Format	Color
Hex	7D940A
RGB	125, 148, 10
RGB Percent	49%, 58%, 4%
CMY	0.5098, 0.4196, 0.9608
CMYK	0.16, 0.00, 0.93, 0.42
HSL	70°, 87%, 31%
HSV	70°, 93%, 58%
XYZ	19.1021, 25.5617, 4.2143
YIQ	125.3910, 30.5900, -47.7940

Conversions

Conversions Part 2

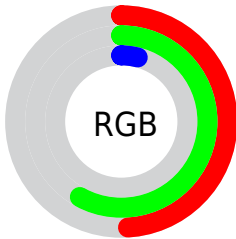
Format	Color
RYB	10, 148, 33
Decimal	8229898
CIELab	57.62, -24.45, 59.28
CIELCh	58, 64.119, 112.411
Yxy	25.5617, 0.3908, 0.5230
Android (android.graphics.Color)	4286419978 (0xFF7D940A)
YUV	125.3910, -56.8878, -0.3429
Hunter-Lab	50.5586, -21.0363, 30.4489

Details

The Hex color **7D940A** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **210A94**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **B5CA4A**, and **476100** is the 20% darker color. If you saturate the color by 10%, you get **7B9400**, and if you desaturate by 10%, it is **7F9419**.

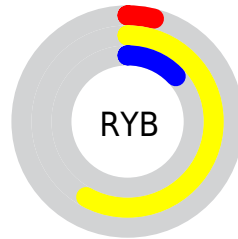
Distribution



Red (49%)

Green (58%)

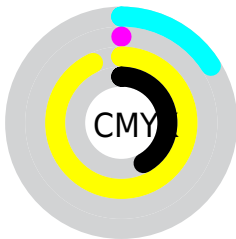
Blue (4%)



Red (4%)

Yellow (58%)

Blue (13%)

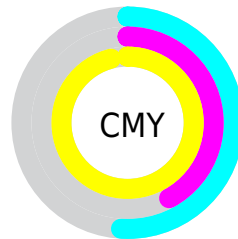


Cyan (16%)

Magenta (0%)

Yellow (93%)

Black (42%)



Cyan (51%)

Magenta (42%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7D940A 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 7D940A by changing the saturation by 10% instead.

 7D940A

 7D940A

FFFFFF

 627A00


 B5CA4A

 476100

 D2E665

 2D4900

 EFFF81

 113300

 FFFF9C

 001F00

 FFFFB8

 000000

 FFFFD5

 FFFFF2

 7D940A

 7D940A

■ 7B9400

■ 7F9419

■ 829428

■ 849436

■ 879445

■ 899454

■ 8C9463

■ 8E9472

■ 919480

■ 93948F

Harmonies

Analogous

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



B18300



7D940A



2E9E41

Triad

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



7D940A



00A0E3



E7539B

Complementary

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



7D940A



210A94

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.



C068D0



7D940A



0095FA

Square

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



7D940A



00A4B4



6D82F3



ED5663

Rectangle

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



7D940A



00A266



6D82F3



DE58AE

Sweetspot

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



7D940A



B6BF8A



94210A



5B6140



E0E0E0



616161

Same Dimension

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



7D940A



9FBF00



38940A



494A43



738A00



080A00

Inverse Universe

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



210A94



2000BF



660A94



44434A



17008A



02000A

Previews

White Background



This preview shows how the Hex color 7D940A 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 7D940A Background



This preview shows how black text looks on a background with the Hex color 7D940A.



This preview shows how white text looks on a background with the Hex color 7D940A.

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
7D940A

Protanopia
9C8B00

Deuteranopia
AE831B



Tritanopia
898A94

Trichromacy



Original Color
7D940A

Protanomaly
918E04

Deuteranomaly
9C8915

Tritanomaly
858E62

Monochromacy



Original Color
7D940A

Achromatopsia
7D7D7D

Achromatomaly
7D8553

CSS Examples

Text

The CSS property to change the color of the text to Hex 7D940A 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 #7D940A looks like.

```
.text, #text, p{  
    color:#7D940A  
}
```

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 #7D940A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D940A
}
```

Border

The CSS property to change the border of an element to Hex 7D940A 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
#7D940A }
```

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

```
.border{ border-color:#7D940A }
```

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

Here you see how a box with a 4 pixel #7D940A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D940A; -webkit-box-shadow:4px 4px  
4px 4px #7D940A; box-shadow:4px 4px 4px  
4px #7D940A }
```

Background

The CSS property to change the background color of an element to Hex 7D940A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D940A }
```

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

```
.background{ background-color:#7D940A }
```

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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