

# Converting Colors

Hex(7C9001)

Have a look what the booklet for  
Hex(7C9001) contains.

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**Color**

**Hex(7C9001)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7C9001
RGB	124, 144, 1
RGB Percent	49%, 56%, 0%
CMY	0.5137, 0.4353, 0.9961
CMYK	0.14, 0.00, 0.99, 0.44
HSL	68°, 99%, 28%
HSV	68°, 99%, 56%
XYZ	18.2909, 24.2338, 3.7423
YIQ	121.7180, 33.9830, -48.7130

# Conversions

## Conversions Part 2

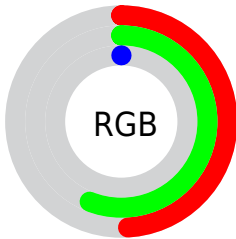
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	1, 144, 21
Decimal	8163329
CIE Lab	56.32, -23.06, 59.67
CIE LCh	56, 63.966, 111.130
Yxy	24.2338, 0.3953, 0.5238
Android (android.graphics.Color)	4286353409 (0xFF7C9001)
YUV	121.7180, -59.5140, 2.0013
Hunter-Lab	49.2278, -19.8259, 29.9523

# Details

The Hex color **7C9001** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **150190**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **B4C646**, and **475E00** is the 20% darker color. If you saturate the color by 10%, you get **7C9000**, and if you desaturate by 10%, it is **7E900F**.

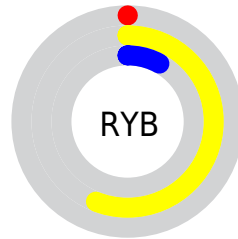
# Distribution



Red (49%)

Green (56%)

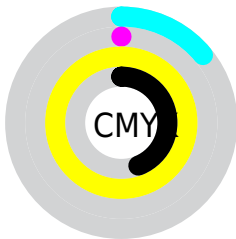
Blue (0%)



Red (0%)

Yellow (56%)

Blue (8%)

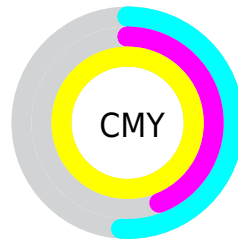


Cyan (14%)

Magenta (0%)

Yellow (99%)

Black (44%)



Cyan (51%)

Magenta (44%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7C9001 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 7C9001 by changing the saturation by 10% instead.



 7C9001

 7C9001

FFFFFF

 617600


 B4C646

 475E00

 D1E261

 2C4600

 EEFE7C

 113000

 FFFF98

 001D00

 FFFFB4

 000000

 FFFF00

FFFFD0

 FFFF80

FFFFED

 7C9001

 7C9001

■ 7C9000

■ 7E900F

■ 80901E

■ 82902C

■ 84903B

■ 869049

■ 889057

■ 8A9066

■ 8C9074

■ 8E9083

# Harmonies

## Analogous

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



AF7F00



7C9001



309B3C

# Triad

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



7C9001



009DDD



E2509A

# Complementary

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



7C9001



150190

# 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.



B966CE



7C9001



0092F5

# Square

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



7C9001



00A1AE



647FF0



E95162

# Rectangle

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



7C9001



009E61



647FF0



D855AC



# Sweetspot

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



7C9001



B2BA82



901401



5A5E3C



DEDEDE



5E5E5E



# Same Dimension

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



7C9001



A0BA00



359001



464740



748700



070800



# Inverse Universe

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



150190



1A00BA



5C0190



414047



130087



010008



# Previews

## White Background



This preview shows how the Hex color 7C9001 looks on a white background.

## Color Contrast Check

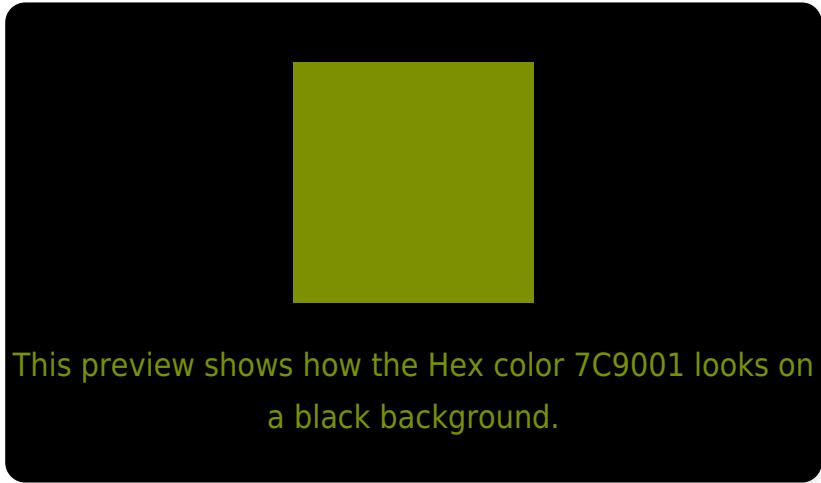
Large Text (above 18pt) WCAG AA ✓ Pass

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 7C9001 Background



This preview shows how black text looks on a background with the Hex color 7C9001.



This preview shows how white text looks on a background with the Hex color 7C9001.

# 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**  
7C9001

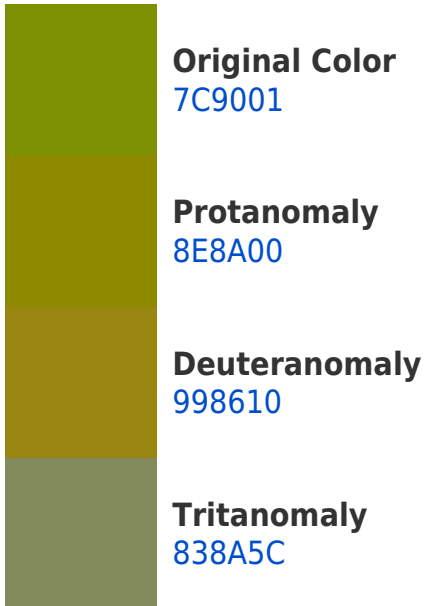
**Protanopia**  
988700

**Deuteranopia**  
AA8019



**Tritanopia**  
878690

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7C9001 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 #7C9001 looks like.

```
.text, #text, p{  
    color:#7C9001  
}
```

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 #7C9001 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7C9001  
}
```

## Border

The CSS property to change the border of an element to Hex 7C9001 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  
#7C9001 }
```

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

```
.border{ border-color:#7C9001 }
```

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

Here you see how a box with a 4 pixel #7C9001 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7C9001; -webkit-box-shadow:4px 4px  
4px 4px #7C9001; box-shadow:4px 4px 4px  
4px #7C9001 }
```

# Background

The CSS property to change the background color of an element to Hex 7C9001 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7C9001 }
```

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

```
.background{ background-color:#7C9001 }
```

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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