

# Converting Colors

Hex(7A0009)

Have a look what the booklet for  
Hex(7A0009) contains.

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# Color

**Hex(7A0009)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7A0009
RGB	122, 0, 9
RGB Percent	48%, 0%, 4%
CMY	0.5216, 1.0000, 0.9647
CMYK	0.00, 1.00, 0.93, 0.52
HSL	356°, 100%, 24%
HSV	356°, 100%, 48%
XYZ	8.0753, 4.1573, 0.6353
YIQ	37.5040, 69.8230, 28.6630

# Conversions

## Conversions Part 2

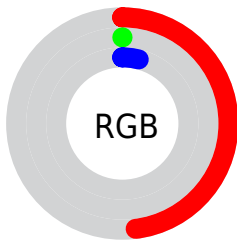
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	122, 0, 9
Decimal	7995401
CIE Lab	24.18, 46.60, 32.61
CIE LCh	24, 56.876, 34.986
Yxy	4.1573, 0.6276, 0.3231
Android (android.graphics.Color)	4286185481 (0xFF7A0009)
YUV	37.5040, -14.0525, 74.1030
Hunter-Lab	20.3895, 35.0143, 12.4253

# Details

The Hex color **7A0009** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **007A71**, and the grayscale version is **262626**.

A 20% lighter version of the original color is **B64135**, and **400000** is the 20% darker color. If you saturate the color by 10%, you get **7A0009**, and if you desaturate by 10%, it is **7A0C14**.

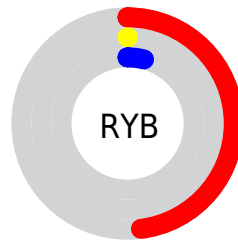
# Distribution



Red (48%)

Green (0%)

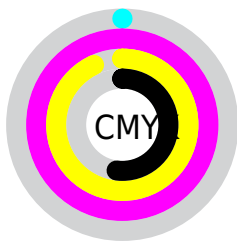
Blue (4%)



Red (48%)

Yellow (0%)

Blue (4%)

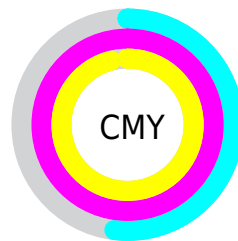


Cyan (0%)

Magenta (100%)

Yellow (93%)

Black (52%)



Cyan (52%)

Magenta (100%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7A0009 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 7A0009 by changing the saturation by 10% instead.



 7A0009

 7A0009

 FFFFEA

 5D0000

 B64135

 400000

 D45C4C

 230001

 F37664

 000000

 FF917D

 FFAD97

 FFC9B2

 FFE6CE

 7A0009

 7A0C14

 7A1820

 7A252B

 7A3136

 7A3D42

 7A494D

 7A5558

 7A6263

 7A6E6F

# Harmonies

## Analogous

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



800035



7A0009



632800

# Triad

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



7A0009



004811



003E91

# Complementary

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



7A0009



007A71

# 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.



004788



7A0009



004A40

# Square

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



7A0009



0E4400



004A6A



3C2981

# Rectangle

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



7A0009



4E3600



004A6A



004290



# Sweetspot

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



7A0009



9E6F72



70007A



4F3335



CFCFCF



4F4F4F



# Same Dimension

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



7A0009



9E000C



7A3300



3D3738



7D0009



FC0013



# Inverse Universe

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



7A0009



9E000C



00477A



3D3738



7D0009

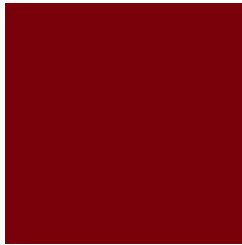


FC0013



# Previews

## White Background



This preview shows how the Hex color 7A0009 looks on a white background.

## Color Contrast Check

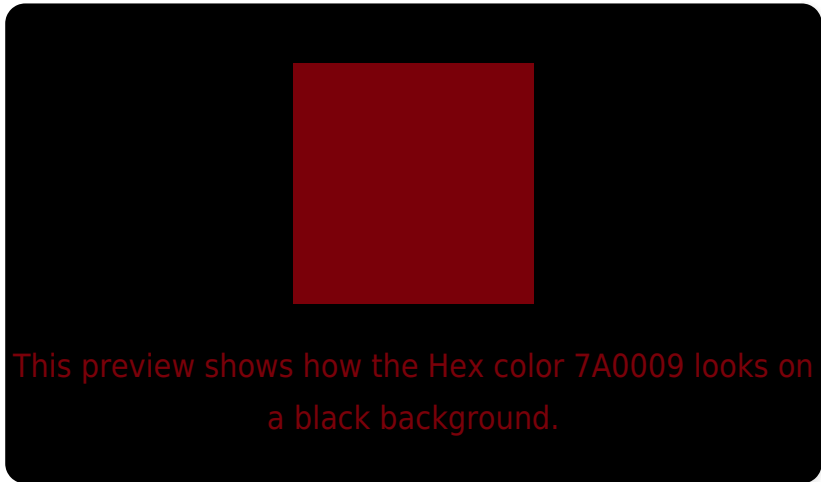
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7A0009 Background



This preview shows how black text looks on a background with the Hex color 7A0009.



This preview shows how white text looks on a background with the Hex color 7A0009.

# 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**  
7A0009

**Protanopia**  
453E14

**Deuteranopia**  
4E3A00



**Tritanopia**  
790B00

# Trichromacy



**Original Color**  
7A0009

**Protanomaly**  
582710

**Deuteranomaly**  
5E2503

**Tritanomaly**  
790703

# Monochromacy



**Original Color**  
7A0009

**Achromatopsia**  
262626

**Achromatomaly**  
45181B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7A0009 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 #7A0009 looks like.

```
.text, #text, p{  
    color:#7A0009  
}
```

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 #7A0009 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A0009
}
```

## Border

The CSS property to change the border of an element to Hex 7A0009 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".

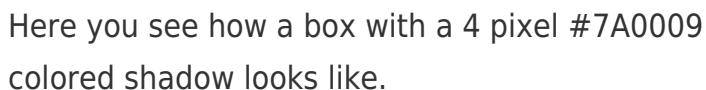
```
.border, #border, table{ border:4px solid
#7A0009 }
```

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

```
.border{ border-color:#7A0009 }
```

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

Here you see how a box with a 4 pixel #7A0009 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A0009; -webkit-box-shadow:4px 4px  
4px 4px #7A0009; box-shadow:4px 4px 4px  
4px #7A0009 }
```

# Background

The CSS property to change the background color of an element to Hex 7A0009 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A0009 }
```

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

```
.background{ background-color:#7A0009 }
```

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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