

# Converting Colors

Hex(7D040A)

Have a look what the booklet for  
Hex(7D040A) contains.

<b>Hex(7D040A)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	28

**Color**

**Hex(7D040A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7D040A
RGB	125, 4, 10
RGB Percent	49%, 2%, 4%
CMY	0.5098, 0.9843, 0.9608
CMYK	0.00, 0.97, 0.92, 0.51
HSL	357°, 94%, 25%
HSV	357°, 97%, 49%
XYZ	8.5557, 4.4687, 0.6988
YIQ	40.8630, 70.1900, 27.5180

# Conversions

## Conversions Part 2

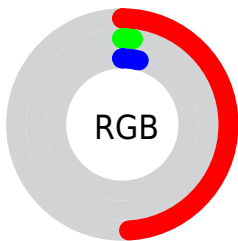
Format	Color
<a href="#">RYB</a>	<a href="#">125, 4, 10</a>
Decimal	<a href="#">8193034</a>
CIELab	<a href="#">25.16, 46.65, 33.39</a>
CIELCh	<a href="#">25, 57.370, 35.594</a>
Yxy	<a href="#">4.4687, 0.6234, 0.3256</a>
Android (android.graphics.Color)	<a href="#">4286383114 (0xFF7D040A)</a>
YUV	<a href="#">40.8630, -15.2155, 73.7881</a>
Hunter-Lab	<a href="#">21.1394, 35.2498, 12.8377</a>

# Details

The Hex color **7D040A** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **047D77**, and the grayscale version is **292929**.

A 20% lighter version of the original color is **B94436**, and **430000** is the 20% darker color. If you saturate the color by 10%, you get **7D0006**, and if you desaturate by 10%, it is **7D1116**.

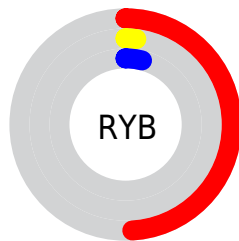
# Distribution



Red (49%)

Green (2%)

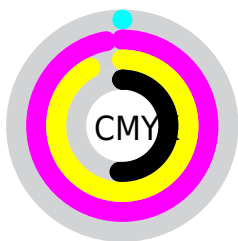
Blue (4%)



Red (49%)

Yellow (2%)

Blue (4%)

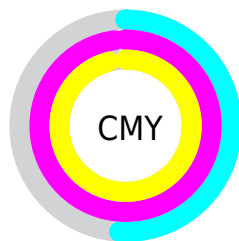


Cyan (0%)

Magenta (97%)

Yellow (92%)

Black (51%)



Cyan (51%)

Magenta (98%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7D040A 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 7D040A by changing the saturation by 10% instead.



 7D040A

 7D040A

 FFFFEB

 600000

 B94436

 430000

 D85E4D

 270001

 F77965

 000000

 FF947E

 FFB098

 FFCCB3

 FFE9CF

 7D040A

 7D040A

■ 7D0006

■ 7D1116

■ 7D1D22

■ 7D2A2E

■ 7D363A

■ 7D4345

■ 7D4F51

■ 7D5C5D

■ 7D6869

■ 7D7575

# Harmonies

## Analogous

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



840036



7D040A



662B00

# Triad

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



7D040A



004B14



004094

# Complementary

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



7D040A



047D77

# 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.



004A8C



7D040A



004D43

# Square

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



7D040A



0F4600



004D6E



402B84

# Rectangle

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



7D040A



503800



004D6E



004494



# Sweetspot

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



7D040A



A37476



77047D



523536



D1D1D1



525252



# Same Dimension

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



7D040A



A30008



7D3A04



40393A



800006



000000



# Inverse Universe

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



7D040A



A30008



04477D



40393A



800006

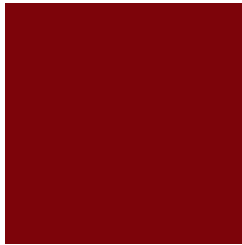


000000



# Previews

## White Background



This preview shows how the Hex color 7D040A looks on a white background.

## Color Contrast Check

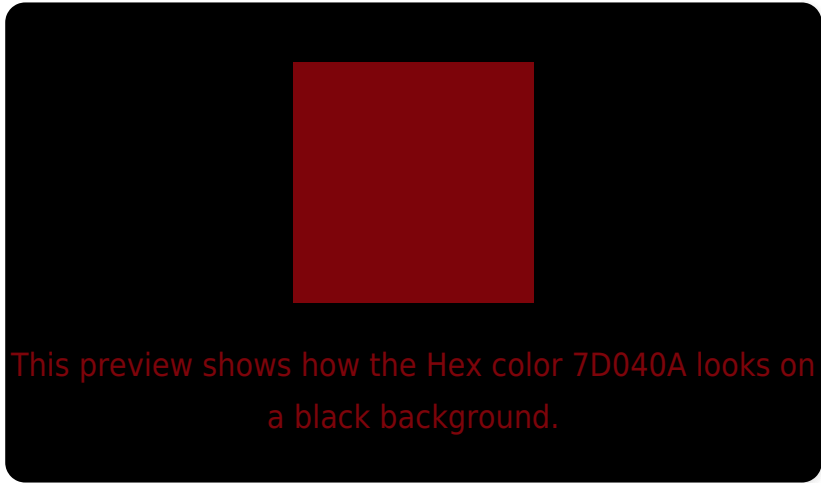
Large Text (above 18pt) WCAG AA ✓ Pass

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

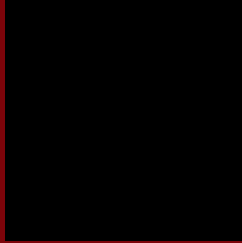
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7D040A Background



This preview shows how black text looks on a background with the Hex color 7D040A.



This preview shows how white text looks on a background with the Hex color 7D040A.

# 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**  
7D040A

**Protanopia**  
473F15

**Deuteranopia**  
503C00

# Trichromacy

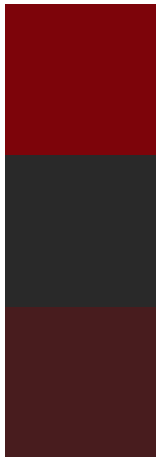


**Original Color**  
7D040A

**Protanomaly**  
5B2A11

**Deuteranomaly**  
602804

# Monochromacy



**Original Color**  
7D040A

**Achromatopsia**  
292929

**Achromatomaly**  
481C1E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7D040A 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 #7D040A looks like.

```
.text, #text, p{  
    color:#7D040A  
}
```

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 #7D040A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D040A
}
```

## Border

The CSS property to change the border of an element to Hex 7D040A 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
#7D040A }
```

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

```
.border{ border-color:#7D040A }
```

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

Here you see how a box with a 4 pixel #7D040A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D040A; -webkit-box-shadow:4px 4px  
4px 4px #7D040A; box-shadow:4px 4px 4px  
4px #7D040A }
```

# Background

The CSS property to change the background color of an element to Hex 7D040A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D040A }
```

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

```
.background{ background-color:#7D040A }
```

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