

# Converting Colors

Hex(79010B)

Have a look what the booklet for  
Hex(79010B) contains.

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**Color**

**Hex(79010B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	79010B
RGB	121, 1, 11
RGB Percent	47%, 0%, 4%
CMY	0.5255, 0.9961, 0.9569
CMYK	0.00, 0.99, 0.91, 0.53
HSL	355°, 98%, 24%
HSV	355°, 99%, 47%
XYZ	7.9564, 4.1108, 0.6907
YIQ	38.0200, 68.3100, 28.5500

# Conversions

## Conversions Part 2

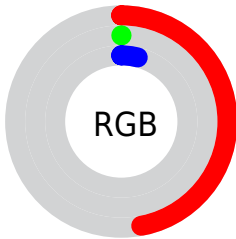
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	121, 1, 11
Decimal	7930123
CIE Lab	24.03, 46.16, 31.56
CIE LCh	24, 55.918, 34.359
Yxy	4.1108, 0.6236, 0.3222
Android (android.graphics.Color)	4286120203 (0xFF79010B)
YUV	38.0200, -13.3209, 72.7735
Hunter-Lab	20.2752, 34.5658, 12.1727

# Details

The Hex color **79010B** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **01796F**, and the grayscale version is **262626**.

A 20% lighter version of the original color is **B54136**, and **3F0000** is the 20% darker color. If you saturate the color by 10%, you get **79000A**, and if you desaturate by 10%, it is **790D16**.

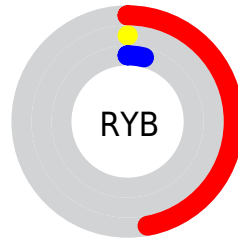
# Distribution



Red (47%)

Green (0%)

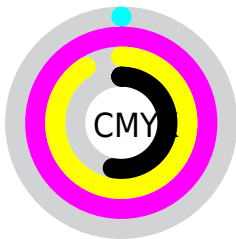
Blue (4%)



Red (47%)

Yellow (0%)

Blue (4%)

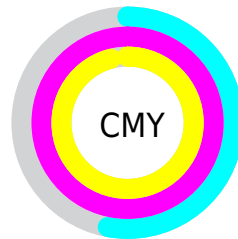


Cyan (0%)

Magenta (99%)

Yellow (91%)

Black (53%)



Cyan (53%)

Magenta (100%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 79010B 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 79010B by changing the saturation by 10% instead.



 79010B

 79010B

 FFFFEC

 5C0000

 B54136

 3F0000

 D35C4D

 220001

 F27666

 000000

 FF917F

 FFAD99

 FFC9B4

 FFE6CF

 79010B

 79010B

■ 79000A

■ 790D16

■ 791921

■ 79252C

■ 793137

■ 793D42

■ 794A4E

■ 795659

■ 796264

■ 796E6F

# Harmonies

## Analogous

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



7F0035



79010B



632800

# Triad

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



79010B



004810



003D8F

# Complementary

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



79010B



01796F

# 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.



004786



79010B



004A3E

# Square

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



79010B



124300



004A68



3A2A80

# Rectangle

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



79010B



4E3500



004A68



00428E



# Sweetspot

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



79010B



9E6F73



6F0179



4F3335



CFCFCF



4F4F4F



# Same Dimension

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



79010B



9E000D



793301



3D3738



7D000A



FC0015



# Inverse Universe

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



79010B



9E000D



014779



3D3738



7D000A



FC0015



# Previews

## White Background



This preview shows how the Hex color 79010B looks on a white background.

## Color Contrast Check

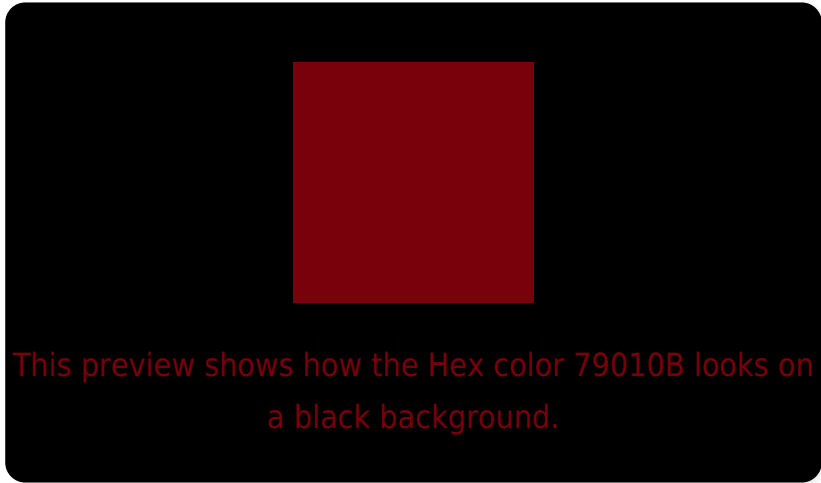
Large Text (above 18pt) WCAG AA ✓ Pass

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 79010B Background



This preview shows how black text looks on a background with the Hex color 79010B.



This preview shows how white text looks on a background with the Hex color 79010B.

# 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**  
79010B

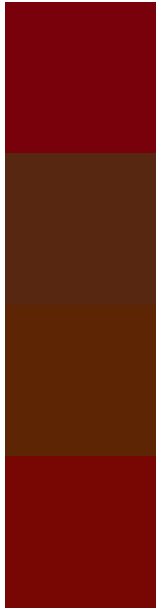
**Protanopia**  
443D16

**Deuteranopia**  
4D3A00



**Tritanopia**  
780B00

# Trichromacy



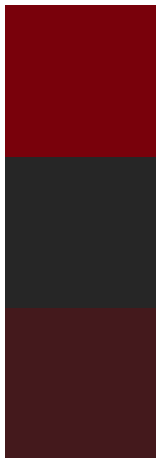
**Original Color**  
79010B

**Protanomaly**  
572712

**Deuteranomaly**  
5D2504

**Tritanomaly**  
780704

# Monochromacy



**Original Color**  
79010B

**Achromatopsia**  
262626

**Achromatomaly**  
44191C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 79010B 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 #79010B looks like.

```
.text, #text, p{  
    color:#79010B  
}
```

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 #79010B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #79010B
}
```

## Border

The CSS property to change the border of an element to Hex 79010B is called "border". The border property can be set on classes, ids or directly on the HTML element.

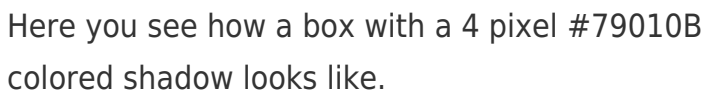
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#79010B }
```

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

```
.border{ border-color:#79010B }
```

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



Here you see how a box with a 4 pixel #79010B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #79010B; -webkit-box-shadow:4px 4px  
4px 4px #79010B; box-shadow:4px 4px 4px  
4px #79010B }
```

# Background

The CSS property to change the background color of an element to Hex 79010B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#79010B }
```

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

```
.background{ background-color:#79010B }
```

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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