

# Converting Colors

Hex(74070B)

Have a look what the booklet for  
Hex(74070B) contains.

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**Color**

**Hex(74070B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	74070B
RGB	116, 7, 11
RGB Percent	45%, 3%, 4%
CMY	0.5451, 0.9725, 0.9569
CMYK	0.00, 0.94, 0.91, 0.55
HSL	358°, 89%, 24%
HSV	358°, 94%, 45%
XYZ	7.3388, 3.8891, 0.6805
YIQ	40.0470, 63.6800, 24.3520

# Conversions

## Conversions Part 2

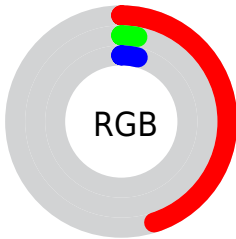
<b>Format</b>	<b>Color</b>
<b>RYB</b>	116, 7, 11
Decimal	7603979
CIELab	23.30, 43.51, 30.44
CIELCh	23, 53.101, 34.979
Yxy	3.8891, 0.6163, 0.3266
Android (android.graphics.Color)	4285794059 (0xFF74070B)
YUV	40.0470, -14.3202, 66.6108
Hunter-Lab	19.7209, 31.9148, 11.7588

# Details

The Hex color **74070B** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **077470**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **AF4336**, and **3C0000** is the 20% darker color. If you saturate the color by 10%, you get **740004**, and if you desaturate by 10%, it is **741316**.

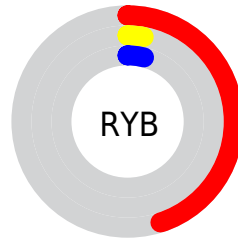
# Distribution



Red (45%)

Green (3%)

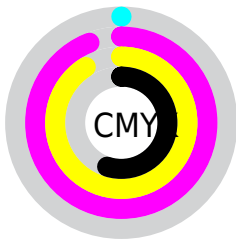
Blue (4%)



Red (45%)

Yellow (3%)

Blue (4%)

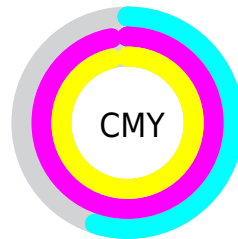


Cyan (0%)

Magenta (94%)

Yellow (91%)

Black (55%)



Cyan (55%)

Magenta (97%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 74070B 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 74070B by changing the saturation by 10% instead.



 74070B

 74070B

 FFFFEC

 570000

 AF4336

 3C0000

 CD5D4D

 1C0001

 EC7766

 000000

 FF927F

 FFAD99

 FFCAB4

 FFE6CF

 74070B

 74070B

■ 740004

■ 741316

■ 741E21

■ 742A2D

■ 743538

■ 744143

■ 744D4E

■ 745859

■ 746464

■ 746F70

# Harmonies

## Analogous

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



7A0033



74070B



5F2800

# Triad

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



74070B



004512



003B88

# Complementary

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



74070B



077470

# 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.



004480



74070B



00473D

# Square

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



74070B



134100



004765



3B297A

# Rectangle

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



74070B



4B3400



004765



003F88



# Sweetspot

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



74070B



966C6E



6F0774



4D3233



CCCCCC



4D4D4D



# Same Dimension

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



74070B



960006



743807



3B3535



7A0004



FA0009



# Inverse Universe

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



74070B



960006



074374



3B3535



7A0004

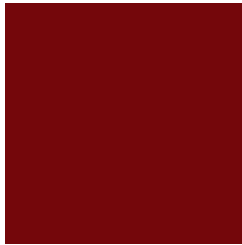


FA0009



# Previews

## White Background



This preview shows how the Hex color 74070B 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 74070B Background



This preview shows how black text looks on a background with the Hex color 74070B.



This preview shows how white text looks on a background with the Hex color 74070B.

# 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**  
74070B

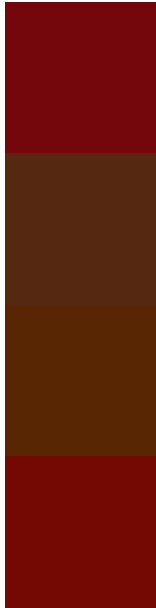
**Protanopia**  
423B15

**Deuteranopia**  
4A3800



**Tritanopia**  
740A00

# Trichromacy



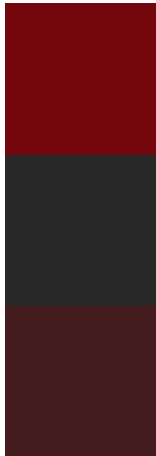
**Original Color**  
74070B

**Protanomaly**  
542811

**Deuteranomaly**  
592604

**Tritanomaly**  
740904

# Monochromacy



**Original Color**  
74070B

**Achromatopsia**  
282828

**Achromatomaly**  
441C1D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 74070B 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 #74070B looks like.

```
.text, #text, p{  
    color:#74070B  
}
```

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 #74070B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #74070B
}
```

## Border

The CSS property to change the border of an element to Hex 74070B is called "border". The border property can be set on classes, ids or directly on the HTML element.

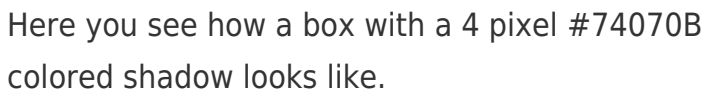
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#74070B }
```

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

```
.border{ border-color:#74070B }
```

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



Here you see how a box with a 4 pixel #74070B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #74070B; -webkit-box-shadow:4px 4px  
4px 4px #74070B; box-shadow:4px 4px 4px  
4px #74070B }
```

# Background

The CSS property to change the background color of an element to Hex 74070B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#74070B }
```

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

```
.background{ background-color:#74070B }
```

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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