

# Converting Colors

Hex(74020E)

Have a look what the booklet for  
Hex(74020E) contains.

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**Color**

**Hex(74020E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	74020E
RGB	116, 2, 14
RGB Percent	45%, 1%, 5%
CMY	0.5451, 0.9922, 0.9451
CMYK	0.00, 0.98, 0.88, 0.55
HSL	354°, 97%, 23%
HSV	354°, 98%, 45%
XYZ	7.3034, 3.7881, 0.7617
YIQ	37.4540, 64.0920, 27.9000

# Conversions

## Conversions Part 2

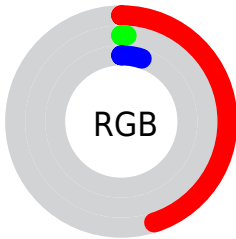
Format	Color
<a href="#">RYB</a>	<a href="#">116, 2, 14</a>
Decimal	<a href="#">7602702</a>
CIELab	<a href="#">22.96, 44.65, 28.69</a>
CIELCh	<a href="#">23, 53.068, 32.724</a>
Yxy	<a href="#">3.7881, 0.6162, 0.3196</a>
Android (android.graphics.Color)	<a href="#">4285792782</a> (0xFF74020E)
YUV	<a href="#">37.4540, -11.5628, 68.8848</a>
Hunter-Lab	<a href="#">19.4631, 32.9208, 11.3038</a>

# Details

The Hex color **74020E** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **027468**, and the grayscale version is **262626**.

A 20% lighter version of the original color is **AF4039**, and **3C0001** is the 20% darker color. If you saturate the color by 10%, you get **74000C**, and if you desaturate by 10%, it is **740E18**.

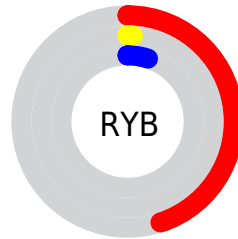
# Distribution



Red (45%)

Green (1%)

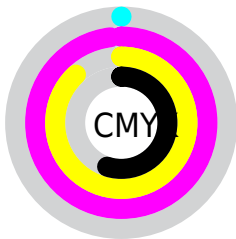
Blue (5%)



Red (45%)

Yellow (1%)

Blue (5%)

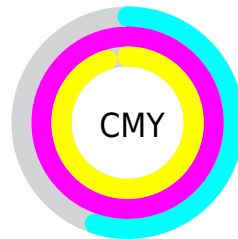


Cyan (0%)

Magenta (98%)

Yellow (88%)

Black (55%)



Cyan (55%)

Magenta (99%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 74020E 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 74020E by changing the saturation by 10% instead.



 74020E

 74020E

 FFFFEE

 570000

 AF4039

 3C0001

 CD5B50

 1C0001

 EC7568

 000000

 FF9081

 FFAC9B

 FFC8B6

 FFE4D2

 74020E

 74020E

■ 74000C

■ 740E18

■ 741923

■ 74252D

■ 743038

■ 743C42

■ 74484C

■ 745357

■ 745F61

■ 746A6B

# Harmonies

## Analogous

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



780035



74020E



602500

# Triad

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



74020E



00440E



003B87

# Complementary

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



74020E



027468

# 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.



00447E



74020E



004639

# Square

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



74020E



164000



004761



342A7B

# Rectangle

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



74020E



4C3200



004761



003F87



# Sweetspot

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



74020E



966B6F



670274



4D3235



CCCCCC



4D4D4D



# Same Dimension

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



74020E



960010



742E02



3B3535



7A000D



FA001A



# Inverse Universe

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



74020E



960010



024874



3B3535



7A000D

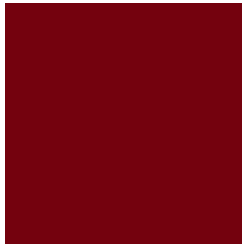


FA001A



# Previews

## White Background



This preview shows how the Hex color 74020E looks on a white background.

## Color Contrast Check

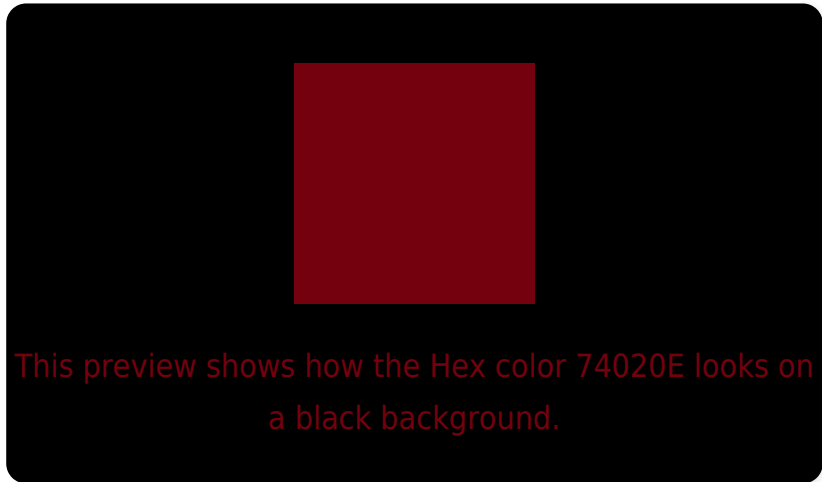
Large Text (above 18pt) WCAG AA ✓ Pass

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

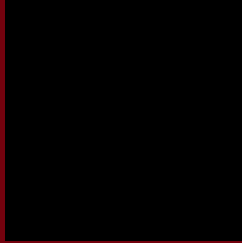
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 74020E Background



This preview shows how black text looks on a background with the Hex color 74020E.



This preview shows how white text looks on a background with the Hex color 74020E.

# 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**  
74020E

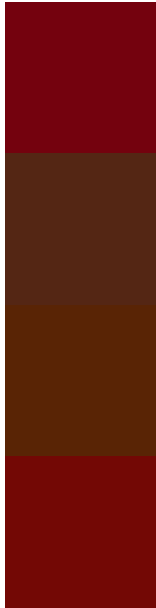
**Protanopia**  
413B18

**Deuteranopia**  
4A3800



**Tritanopia**  
730B00

# Trichromacy



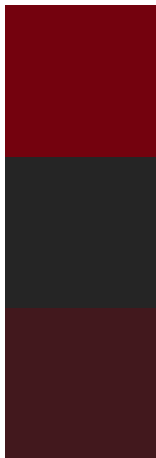
**Original Color**  
74020E

**Protanomaly**  
542614

**Deuteranomaly**  
592405

**Tritanomaly**  
730805

# Monochromacy



**Original Color**  
74020E

**Achromatopsia**  
252525

**Achromatomaly**  
42181D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 74020E 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 #74020E looks like.

```
.text, #text, p{  
    color:#74020E  
}
```

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 #74020E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #74020E
}
```

## Border

The CSS property to change the border of an element to Hex 74020E is called "border". The border property can be set on classes, ids or directly on the HTML element.

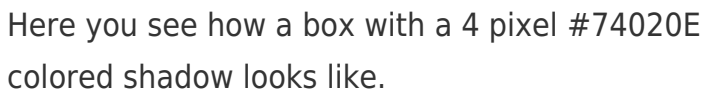
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#74020E }
```

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

```
.border{ border-color:#74020E }
```

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



Here you see how a box with a 4 pixel #74020E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #74020E; -webkit-box-shadow:4px 4px  
4px 4px #74020E; box-shadow:4px 4px 4px  
4px #74020E }
```

# Background

The CSS property to change the background color of an element to Hex 74020E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#74020E }
```

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

```
.background{ background-color:#74020E }
```

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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