

Converting Colors

Hex(70310C)

Have a look what the booklet for
Hex(70310C) contains.

Hex(70310C)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(70310C)

Conversions

Conversions Part 1

Format	Color
Hex	70310C
RGB	112, 49, 12
RGB Percent	44%, 19%, 5%
CMY	0.5608, 0.8078, 0.9529
CMYK	0.00, 0.56, 0.89, 0.56
HSL	22°, 81%, 24%
HSV	22°, 89%, 44%
XYZ	7.8468, 5.6679, 1.0283
YIQ	63.6190, 49.4250, 1.8490

Conversions

Conversions Part 2

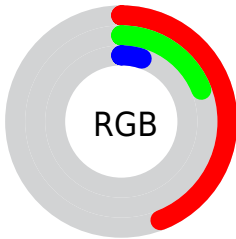
Format	Color
R_{YB}	112, 71, 12
Decimal	7352588
CIE Lab	28.56, 25.65, 34.55
CIE LCh	29, 43.032, 53.409
Yxy	5.6679, 0.5396, 0.3897
Android (android.graphics.Color)	4285542668 (0xFF70310C)
YUV	63.6190, -25.4482, 42.4301
Hunter-Lab	23.8074, 17.1696, 14.1044

Details

The Hex color **70310C** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **0C4B70**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **A9613A**, and **390300** is the 20% darker color. If you saturate the color by 10%, you get **702A01**, and if you desaturate by 10%, it is **703817**.

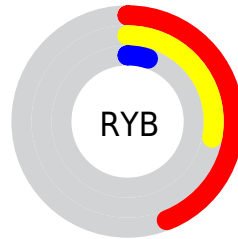
Distribution



Red (44%)

Green (19%)

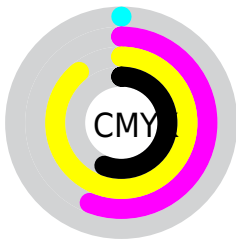
Blue (5%)



Red (44%)

Yellow (28%)

Blue (5%)

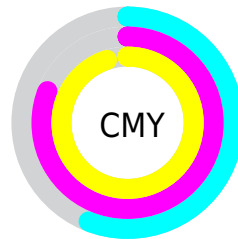


Cyan (0%)

Magenta (56%)

Yellow (89%)

Black (56%)



Cyan (56%)

Magenta (81%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 70310C 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 70310C by changing the saturation by 10% instead.

 70310C

 70310C

 FFFFFF1

 551A00

 A9613A

 390300

 C67A51

 210001

 E4946A

 000000

 FFAF84

 FFCB9E

 FFE7B9

 FFFFD5

 70310C

 70310C

■ 702A01

■ 703817

■ 702900

■ 703F22

■ 70462E

■ 704D39

■ 705444

■ 705B4F

■ 70625A

■ 706966

■ 707171

Harmonies

Analogous

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



7D222B



70310C



593F00

Triad

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



70310C



00523B



323E81

Complementary

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



70310C



0C4B70

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.



004A86



70310C



00525D

Square

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



70310C



004F18



005078



642D6B

Rectangle

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



70310C



454600



005078



094284

Sweetspot

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



70310C



91796A



700C4B



4A3B32



C9C9C9



4A4A4A

Same Dimension

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



70310C



913600



70630C



383532



782C00



F75C00

Inverse Universe

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



0C4B70



005C91



0C1970



323638



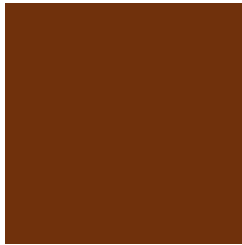
004C78



009CF7

Previews

White Background



This preview shows how the Hex color 70310C looks on a white background.

Color Contrast Check

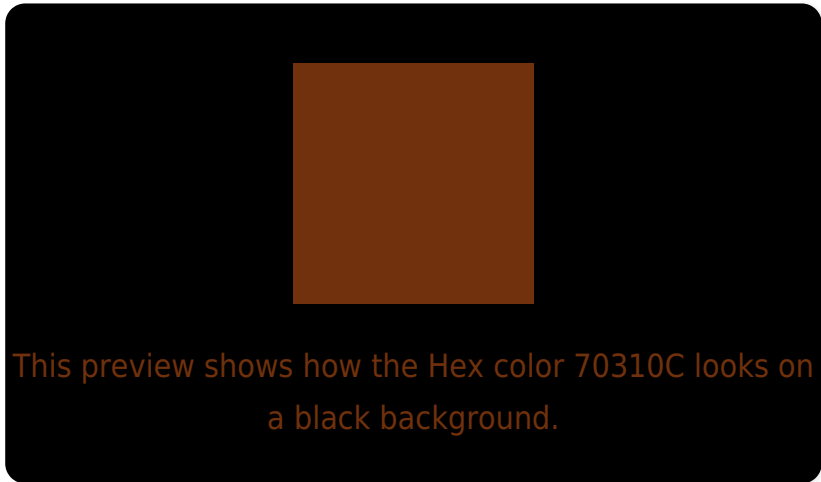
Large Text (above 18pt) WCAG AA ✓ Pass

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 70310C Background



This preview shows how black text looks on a background with the Hex color 70310C.



This preview shows how white text looks on a background with the Hex color 70310C.

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
70310C

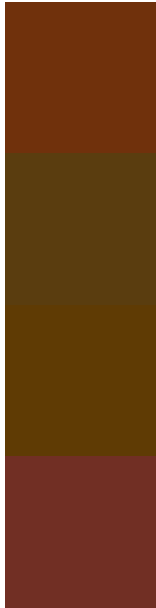
Protanopia
4D4411

Deuteranopia
564100



Tritanopia
712E31

Trichromacy



Original Color
70310C

Protanomaly
5A3D0F

Deuteranomaly
5F3B04

Tritanomaly
712F24

Monochromacy



Original Color
70310C

Achromatopsia
404040

Achromatomaly
513B2D

CSS Examples

Text

The CSS property to change the color of the text to Hex 70310C 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 #70310C looks like.

```
.text, #text, p{  
    color:#70310C  
}
```

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 #70310C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #70310C
}
```

Border

The CSS property to change the border of an element to Hex 70310C is called "border". The border property can be set on classes, ids or directly on the HTML element.

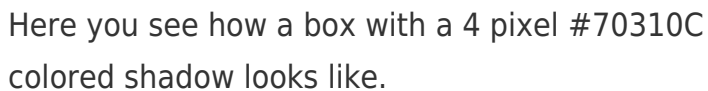
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#70310C }
```

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

```
.border{ border-color:#70310C }
```

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



Here you see how a box with a 4 pixel #70310C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #70310C; -webkit-box-shadow:4px 4px  
4px 4px #70310C; box-shadow:4px 4px 4px  
4px #70310C }
```

Background

The CSS property to change the background color of an element to Hex 70310C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#70310C }
```

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

```
.background{ background-color:#70310C }
```

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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