

Converting Colors

Hex(470109)

Have a look what the booklet for
Hex(470109) contains.

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Color

Hex(470109)

Conversions

Conversions Part 1

Format	Color
Hex	470109
RGB	71, 1, 9
RGB Percent	28%, 0%, 4%
CMY	0.7216, 0.9961, 0.9647
CMYK	0.00, 0.99, 0.87, 0.72
HSL	353°, 97%, 14%
HSV	353°, 99%, 28%
XYZ	2.6587, 1.3810, 0.3849
YIQ	22.8420, 39.1520, 17.3280

Conversions

Conversions Part 2

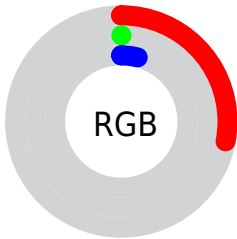
Format	Color
R_{YB}	71, 1, 9
Decimal	4653321
CIE Lab	11.83, 31.82, 14.89
CIE LCh	12, 35.132, 25.081
Yxy	1.3810, 0.6009, 0.3121
Android (android.graphics.Color)	4282843401 (0xFF470109)
YUV	22.8420, -6.8241, 42.2346
Hunter-Lab	11.7517, 19.8182, 6.2844

Details

The Hex color **470109** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **01473F**, and the grayscale version is **171717**.

A 20% lighter version of the original color is **7D3435**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **470008**, and if you desaturate by 10%, it is **47080F**.

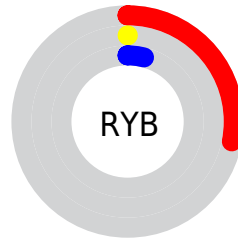
Distribution



Red (28%)

Green (0%)

Blue (4%)



Red (28%)

Yellow (0%)

Blue (4%)

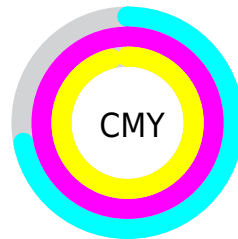


Cyan (0%)

Magenta (99%)

Yellow (87%)

Black (72%)



Cyan (72%)

Magenta (100%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 470109 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 470109 by changing the saturation by 10% instead.

 470109

 470109

 FFEDE9

 2F0000

 7D3435

 000000

 984C4C

 B56564

 D27F7D

 EF9996

 FFB4B1

 FFD0CD

 470109

 470109

■ 470008

■ 47080F

■ 470F16

■ 47161C

■ 471D22

■ 472528

■ 472C2F

■ 473335

■ 473A3B

■ 474142

Harmonies

Analogous

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



460024



470109



3D1100

Triad

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



470109



002700



002450

Complementary

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



470109



01473F

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.



002847



470109



00291A

Square

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



470109



152400



002A33



0F1B4C

Rectangle

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



470109



321A00



002A33



00264E

Sweetspot

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



470109



5C4043



3F0147



2E1D1F



ADADAD



2E2E2E

Same Dimension

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



470109



5C000A



471C01



242021



63000B



E3001A

Inverse Universe

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



470109



5C000A



012C47



242021



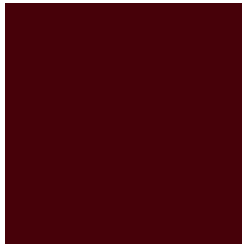
63000B



E3001A

Previews

White Background



This preview shows how the Hex color 470109 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

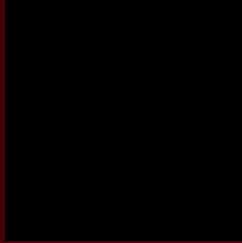
Any Text WCAG AA × Fail

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 470109 Background



This preview shows how black text looks on a background with the Hex color 470109.

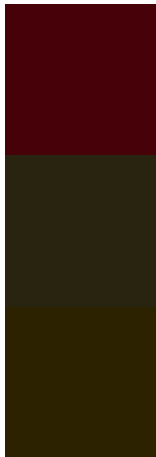


This preview shows how white text looks on a background with the Hex color 470109.

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
470109

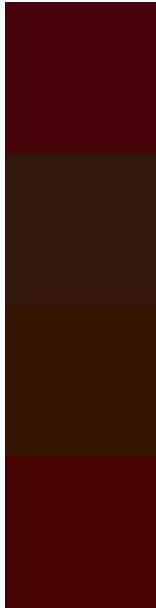
Protanopia
28240F

Deuteranopia
2D2200



Tritanopia
470600

Trichromacy



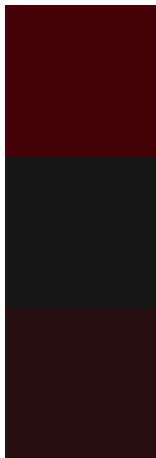
Original Color
470109

Protanomaly
33170D

Deuteranomaly
361603

Tritanomaly
470403

Monochromacy



Original Color
470109

Achromatopsia
171717

Achromatomaly
280F12

CSS Examples

Text

The CSS property to change the color of the text to Hex 470109 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 #470109 looks like.

```
.text, #text, p{  
    color:#470109  
}
```

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 #470109 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #470109
}
```

Border

The CSS property to change the border of an element to Hex 470109 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".

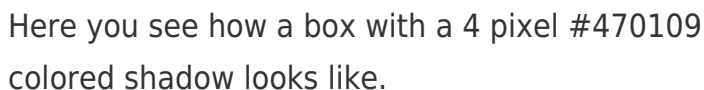
```
.border, #border, table{ border:4px solid
#470109 }
```

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

```
.border{ border-color:#470109 }
```

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

Here you see how a box with a 4 pixel #470109 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The box is white with a thin dark red border on the top and left sides, and a thicker dark red shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #470109; -webkit-box-shadow:4px 4px  
4px 4px #470109; box-shadow:4px 4px 4px  
4px #470109 }
```

Background

The CSS property to change the background color of an element to Hex 470109 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#470109 }
```

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

```
.background{ background-color:#470109 }
```

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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