

# Converting Colors

Hex(470C24)

Have a look what the booklet for  
Hex(470C24) contains.

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**Color**

**Hex(470C24)**

# Conversions

## Conversions Part 1

Format	Color
Hex	470C24
RGB	71, 12, 36
RGB Percent	28%, 5%, 14%
CMY	0.7216, 0.9529, 0.8588
CMYK	0.00, 0.83, 0.49, 0.72
HSL	336°, 71%, 16%
HSV	336°, 83%, 28%
XYZ	3.0484, 1.7299, 1.8423
YIQ	32.3770, 27.4600, 19.9720

# Conversions

## Conversions Part 2

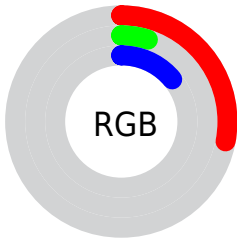
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	71, 12, 36
Decimal	4656164
CIE Lab	14.00, 29.55, 0.38
CIE LCh	14, 29.549, 0.738
Yxy	1.7299, 0.4604, 0.2613
Android (android.graphics.Color)	4282846244 (0xFF470C24)
YUV	32.3770, 1.7861, 33.8724
Hunter-Lab	13.1526, 18.3547, 0.9020




# Details

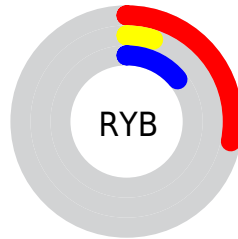
The Hex color **470C24** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **0C472F**, and the grayscale version is **202020**.




A 20% lighter version of the original color is **7B3C50**, and **0A0000** is the 20% darker color. If you saturate the color by 10%, you get **470520**, and if you desaturate by 10%, it is **471328**.

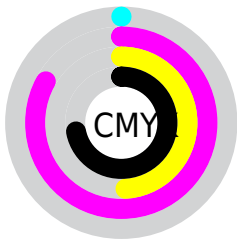
# Distribution







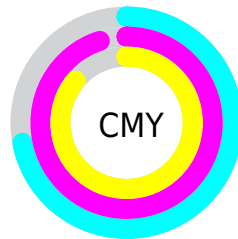
-  Red (28%)
-  Green (5%)
-  Blue (14%)






-  Red (28%)
-  Yellow (5%)
-  Blue (14%)



-  Cyan (0%)
-  Magenta (83%)
-  Yellow (49%)
-  Black (72%)



-  Cyan (72%)
-  Magenta (95%)
-  Yellow (86%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 470C24 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 470C24 by changing the saturation by 10% instead.



 470C24

 470C24

 FFF6FF

 3000E

 7B3C50

 0A0000

 955468

 000000

 B16D81

 CD879B

 EAA2B6

 FFBDD2

 FFD9EE

 470C24

 470C24

■ 470520

■ 471328

■ 47001D

■ 471A2C

■ 472131

■ 472835

■ 473039

■ 47373D

■ 473E41

■ 474546

■ 474C4A

# Harmonies

## Analogous

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



3C1338



470C24



46110F

# Triad

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



470C24



1A2800



002B48

# Complementary

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



470C24



0C472F

# 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.



002D38



470C24



002B0D

# Square

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



470C24



2D2300



002D24



00264D

# Rectangle

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



470C24



411700



002D24



002C43



# Sweetspot

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



470C24



5C454E



2E0C47



2E2026



ADADAD



2E2E2E



# Same Dimension

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



470C24



5C0025



47110C



242022



630028



E3005C



# Inverse Universe

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



470C24



5C0025



0C4247



242022



630028

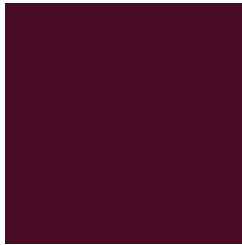


E3005C



# Previews

## White Background



This preview shows how the Hex color 470C24 looks on a white background.

## Color Contrast Check

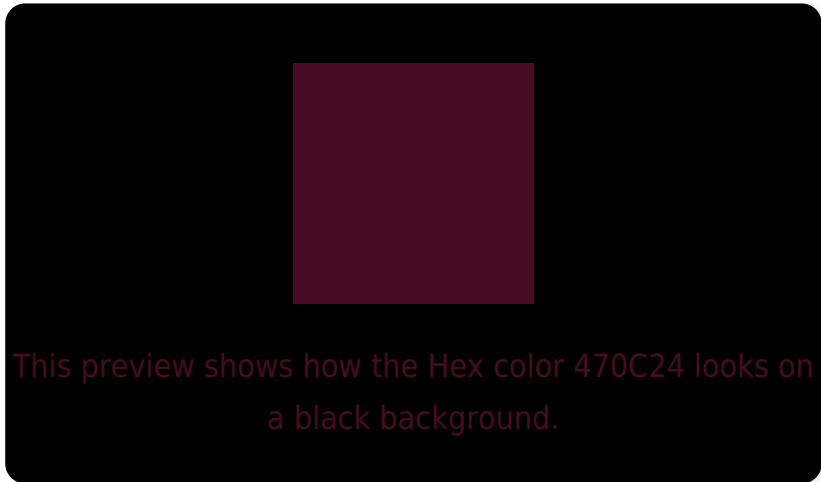
Large Text (above 18pt) WCAG AA ✓ Pass

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

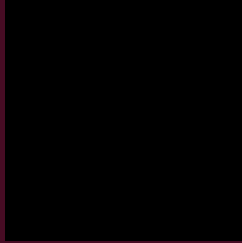
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 470C24 Background



This preview shows how black text looks on a background with the Hex color 470C24.



This preview shows how white text looks on a background with the Hex color 470C24.

# 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**  
470C24

**Protanopia**  
232632

**Deuteranopia**  
2B2521



**Tritanopia**  
461212

# Trichromacy



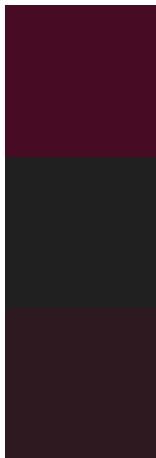
**Original Color**  
470C24

**Protanomaly**  
301D2D

**Deuteranomaly**  
351C22

**Tritanomaly**  
461019

# Monochromacy



**Original Color**  
470C24

**Achromatopsia**  
202020

**Achromatomaly**  
2E1921

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 470C24 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 #470C24 looks like.

```
.text, #text, p{  
    color:#470C24  
}
```

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 #470C24 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #470C24
}
```

## Border

The CSS property to change the border of an element to Hex 470C24 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".

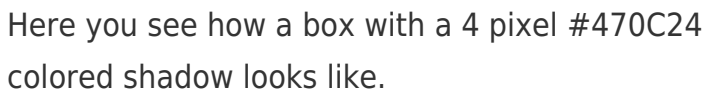
```
.border, #border, table{ border:4px solid
#470C24 }
```

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

```
.border{ border-color:#470C24 }
```

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

Here you see how a box with a 4 pixel #470C24 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The shadow is cast to the right and bottom of the box, creating a 3D effect. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #470C24 colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #470C24; -webkit-box-shadow:4px 4px  
4px 4px #470C24; box-shadow:4px 4px 4px  
4px #470C24 }
```

# Background

The CSS property to change the background color of an element to Hex 470C24 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#470C24 }
```

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

```
.background{ background-color:#470C24 }
```

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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