

Converting Colors

Hex(470C5F)

Have a look what the booklet for
Hex(470C5F) contains.

Hex(470C5F)	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>	28

Color

Hex(470C5F)

Conversions

Conversions Part 1

Format	Color
Hex	470C5F
RGB	71, 12, 95
RGB Percent	28%, 5%, 37%
CMY	0.7216, 0.9529, 0.6275
CMYK	0.25, 0.87, 0.00, 0.63
HSL	283°, 78%, 21%
HSV	283°, 87%, 37%
XYZ	4.7956, 2.4288, 11.0425
YIQ	39.1030, 8.5210, 38.3210

Conversions

Conversions Part 2

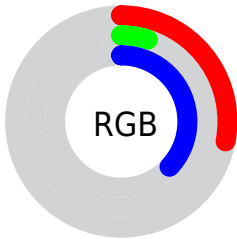
Format	Color
R_{YB}	71, 12, 95
Decimal	4656223
CIE Lab	17.59, 39.96, -35.35
CIE LCh	18, 53.350, 318.504
Yxy	2.4288, 0.2625, 0.1330
Android (android.graphics.Color)	4282846303 (0xFF470C5F)
YUV	39.1030, 27.5572, 27.9737
Hunter-Lab	15.5845, 27.6541, -31.1013

Details

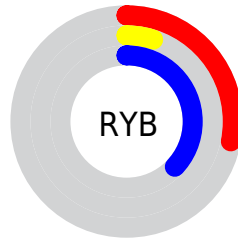
The Hex color **470C5F** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **245F0C**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **7B3F92**, and **190030** is the 20% darker color. If you saturate the color by 10%, you get **44025F**, and if you desaturate by 10%, it is **4A155F**.

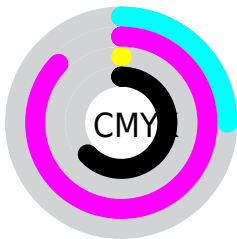
Distribution



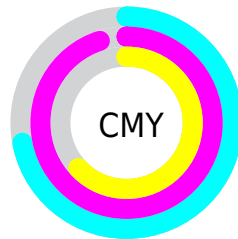
- Red (28%)
- Green (5%)
- Blue (37%)



- Red (28%)
- Yellow (5%)
- Blue (37%)



- Cyan (25%)
- Magenta (87%)
- Yellow (0%)
- Black (63%)



- Cyan (72%)
- Magenta (95%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 470C5F 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 470C5F by changing the saturation by 10% instead.

 470C5F

 470C5F

 FFFCFF

 2E0047

 7B3F92

 190030

 9658AD

 00011A

 B172C9

 000000

 CD8CE5

 EAA7FF

 FFC3FF

 FFDFFF

 470C5F

 470C5F

■ 44025F

■ 4A155F

■ 44005F

■ 4C1F5F

■ 4F285F

■ 52325F

■ 553B5F

■ 57455F

■ 5A4E5F

■ 5D585F

■ 60625F

Harmonies

Analogous

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



002876



470C5F



65003C

Triad

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



470C5F



422400



003A43

Complementary

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



470C5F



245F0C

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.



00391A



470C5F



203100

Square

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



470C5F



5C0800



003600



003965

Rectangle

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



470C5F



6A0022



003600



003A36

Sweetspot

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



470C5F



715B7A



0C255F



382A3D



BDBDBD



3D3D3D

Same Dimension

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



470C5F



57007A



5F0C4E



2F2C30



500070



AA00F0

Inverse Universe

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



5F0C24



7A0023



0C5F1D



302C2D



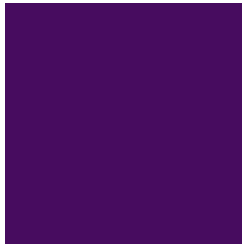
700020



F00045

Previews

White Background



This preview shows how the Hex color 470C5F looks on a white background.

Color Contrast Check

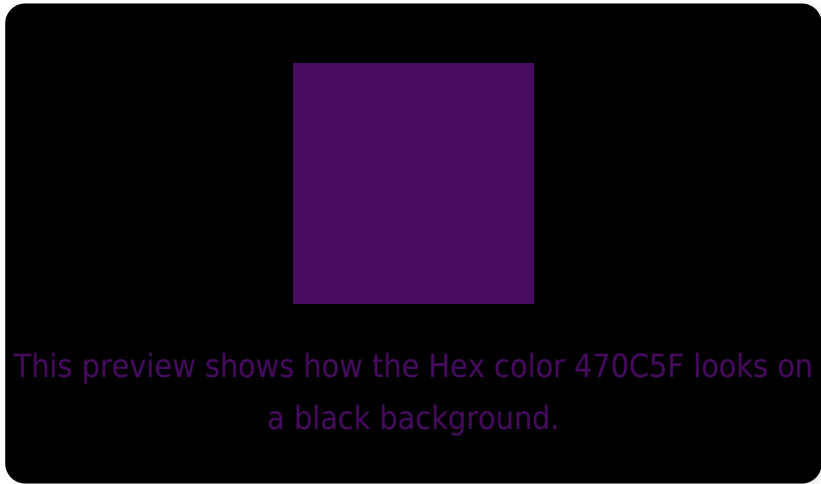
Large Text (above 18pt) WCAG AA ✓ Pass

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

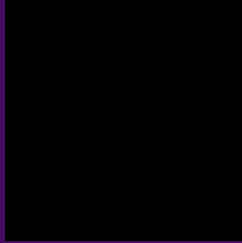
Any Text WCAG AA × Fail

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 470C5F Background



This preview shows how black text looks on a background with the Hex color 470C5F.

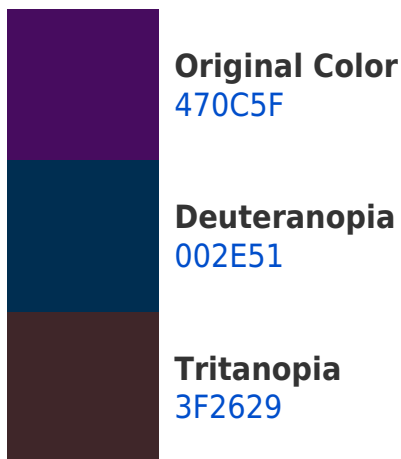


This preview shows how white text looks on a background with the Hex color 470C5F.

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



Trichromacy

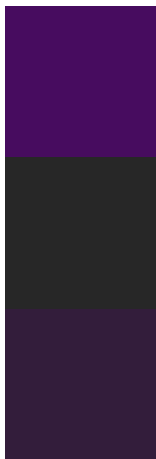


Original Color
470C5F

Deuteranomaly
1A2256

Tritanomaly
421D3D

Monochromacy



Original Color
470C5F

Achromatopsia
272727

Achromatomaly
331D3B

CSS Examples

Text

The CSS property to change the color of the text to Hex 470C5F 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 #470C5F looks like.

```
.text, #text, p{  
    color:#470C5F  
}
```

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 #470C5F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #470C5F
}
```

Border

The CSS property to change the border of an element to Hex 470C5F is called "border". The border property can be set on classes, ids or directly on the HTML element.

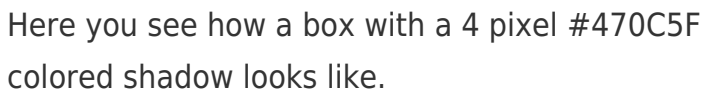
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#470C5F }
```

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

```
.border{ border-color:#470C5F }
```

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



Here you see how a box with a 4 pixel #470C5F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #470C5F; -webkit-box-shadow:4px 4px  
4px 4px #470C5F; box-shadow:4px 4px 4px  
4px #470C5F }
```

Background

The CSS property to change the background color of an element to Hex 470C5F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#470C5F }
```

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

```
.background{ background-color:#470C5F }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor