

Converting Colors

Hex(470485)

Have a look what the booklet for
Hex(470485) contains.

Hex(470485)	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(470485)

Conversions

Conversions Part 1

Format	Color
Hex	470485
RGB	71, 4, 133
RGB Percent	28%, 2%, 52%
CMY	0.7216, 0.9843, 0.4784
CMYK	0.47, 0.97, 0.00, 0.48
HSL	271°, 94%, 27%
HSV	271°, 97%, 52%
XYZ	6.8756, 3.1199, 22.4301
YIQ	38.7390, -1.4770, 54.3230

Conversions

Conversions Part 2

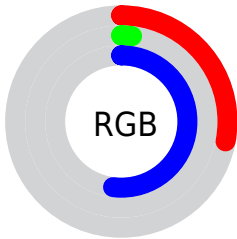
Format	Color
R_{YB}	71, 4, 133
Decimal	4654213
CIE _{Lab}	20.52, 50.93, -55.16
CIE _{LCh}	21, 75.075, 312.718
Yxy	3.1199, 0.2120, 0.0962
Android (android.graphics.Color)	4282844293 (0xFF470485)
YUV	38.7390, 46.4707, 28.2929
Hunter-Lab	17.6632, 38.5725, -62.9269

Details

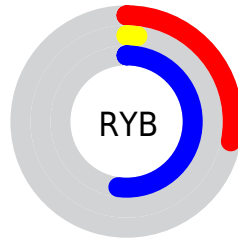
The Hex color **470485** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **428504**, and the grayscale version is **262626**.

A 20% lighter version of the original color is **7F3EBB**, and **0E0052** is the 20% darker color. If you saturate the color by 10%, you get **450085**, and if you desaturate by 10%, it is **4D1185**.

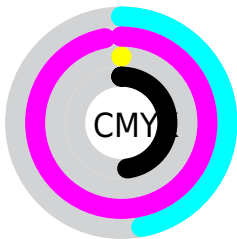
Distribution



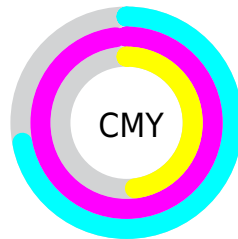
- Red (28%)
- Green (2%)
- Blue (52%)



- Red (28%)
- Yellow (2%)
- Blue (52%)



- Cyan (47%)
- Magenta (97%)
- Yellow (0%)
- Black (48%)



- Cyan (72%)
- Magenta (98%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 470485 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 470485 by changing the saturation by 10% instead.

470485

470485

FFFEFF

2A006B

7F3EBB

0E0052

9B58D7

00003A

B772F4

000223

D48DFF

00000B

F2A8FF

000000

FFC4FF

FFE0FF

470485

470485

■ 450085

■ 4D1185

■ 541F85

■ 5A2C85

■ 613985

■ 674785

■ 6D5485

■ 746185

■ 7A6E85

■ 817C85

Harmonies

Analogous

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



0034A2



470485



7D0054

Triad

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



470485



572200



004449

Complementary

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



470485



428504

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.



00420C



470485



283700

Square

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



470485



780000



003F00



00457D

Rectangle

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



470485



880030



003F00



004435

Sweetspot

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



470485



957BAD



044285



483857



D6D6D6



575757

Same Dimension

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



470485



5A00AD



850483



3F3C42



440082



010003

Inverse Universe

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



850442



AD0053



048506



423C3F



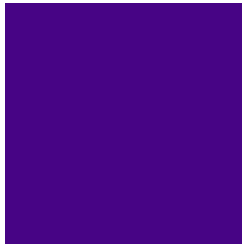
82003F



030001

Previews

White Background



This preview shows how the Hex color 470485 looks on a white background.

Color Contrast Check

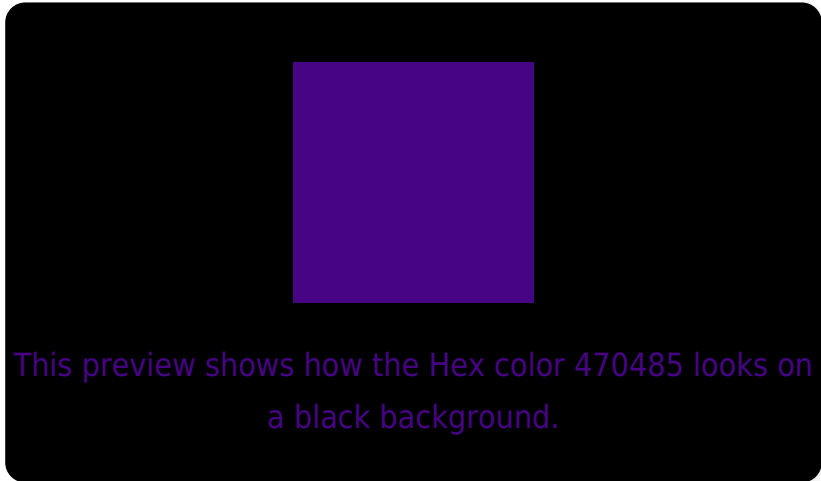
Large Text (above 18pt) WCAG AA ✓ Pass

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

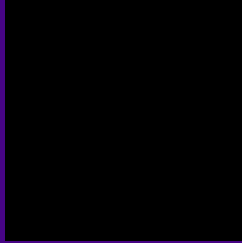
Any Text WCAG AA × Fail

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 470485 Background



This preview shows how black text looks on a background with the Hex color 470485.



This preview shows how white text looks on a background with the Hex color 470485.

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
470485

Protanopia
00336A

Deuteranopia
00365B



Tritanopia
343438

Trichromacy



Original Color
470485

Protanomaly
1A2274

Deuteranomaly
1A246A

Tritanomaly
3B2354

Monochromacy



Original Color
470485

Achromatopsia
272727

Achromatomaly
331A49

CSS Examples

Text

The CSS property to change the color of the text to Hex 470485 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 #470485 looks like.

```
.text, #text, p{  
    color:#470485  
}
```

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 #470485 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #470485
}
```

Border

The CSS property to change the border of an element to Hex 470485 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".

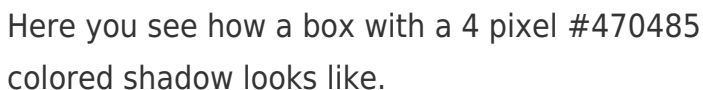
```
.border, #border, table{ border:4px solid
#470485 }
```

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

```
.border{ border-color:#470485 }
```

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

Here you see how a box with a 4 pixel #470485 colored shadow looks like.

A rectangular box with a thick purple border and a purple shadow. The box is white with a purple border and a purple shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #470485; -webkit-box-shadow:4px 4px  
4px 4px #470485; box-shadow:4px 4px 4px  
4px #470485 }
```

Background

The CSS property to change the background color of an element to Hex 470485 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#470485 }
```

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

```
.background{ background-color:#470485 }
```

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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