

Converting Colors

Hex(460080)

Have a look what the booklet for
Hex(460080) contains.

Hex(460080)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

Hex(460080)

Conversions

Conversions Part 1

Format	Color
Hex	460080
RGB	70, 0, 128
RGB Percent	27%, 0%, 50%
CMY	0.7255, 1.0000, 0.4980
CMYK	0.45, 1.00, 0.00, 0.50
HSL	273°, 100%, 25%
HSV	273°, 100%, 50%
XYZ	6.4221, 2.8606, 20.6357
YIQ	35.5220, 0.6320, 54.6480

Conversions

Conversions Part 2

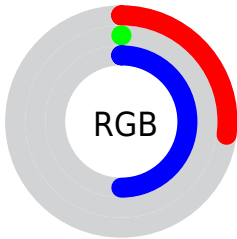
Format	Color
R_{YB}	70, 0, 128
Decimal	4587648
CIE _{Lab}	19.48, 50.73, -53.71
CIE _{LCh}	19, 73.885, 313.364
Yxy	2.8606, 0.2147, 0.0956
Android (android.graphics.Color)	4282777728 (0xFF460080)
YUV	35.5220, 45.5917, 30.2372
Hunter-Lab	16.9133, 38.1790, -60.4997

Details

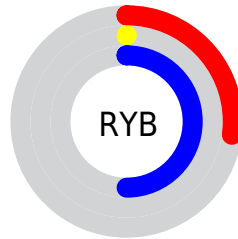
The Hex color **460080** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **3A8000**, and the grayscale version is **232323**.

A 20% lighter version of the original color is **7D3CB6**, and **0F004E** is the 20% darker color. If you saturate the color by 10%, you get **460080**, and if you desaturate by 10%, it is **4C0D80**.

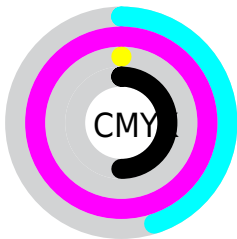
Distribution



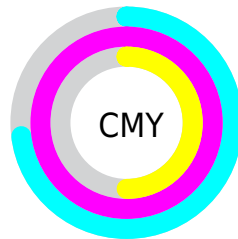
- Red (27%)
- Green (0%)
- Blue (50%)



- Red (27%)
- Yellow (0%)
- Blue (50%)



- Cyan (45%)
- Magenta (100%)
- Yellow (0%)
- Black (50%)



- Cyan (73%)
- Magenta (100%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 460080 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 460080 by changing the saturation by 10% instead.

 460080

 460080

 FFFAFF

 290066

 7D3CB6

 0F004E

 9955D2

 000136

 B66FEF

 00021F

 D28AFF

 000003

 F0A5FF

 000000

 FFC1FF

 FFDDFF

 460080

 4C0D80

 521A80

 572680

 5D3380

 634080

 694D80

 6F5A80

 746680

 7A7380

Harmonies

Analogous

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



00319D



460080



7A004F

Triad

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



460080



532000



004147

Complementary

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



460080



3A8000

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.



00400C



460080



243500

Square

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



460080



740000



003C00



00427A

Rectangle

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



460080



84002C



003C00



004134

Sweetspot

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



460080



8F74A6



003C80



463654



D4D4D4



545454

Same Dimension

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



460080



5B00A6



80007C



3D3940



000000

Inverse Universe

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



80003A



A6004B



008004



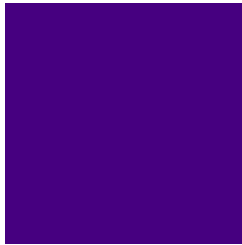
40393C



000000

Previews

White Background



This preview shows how the Hex color 460080 looks on a white background.

Color Contrast Check

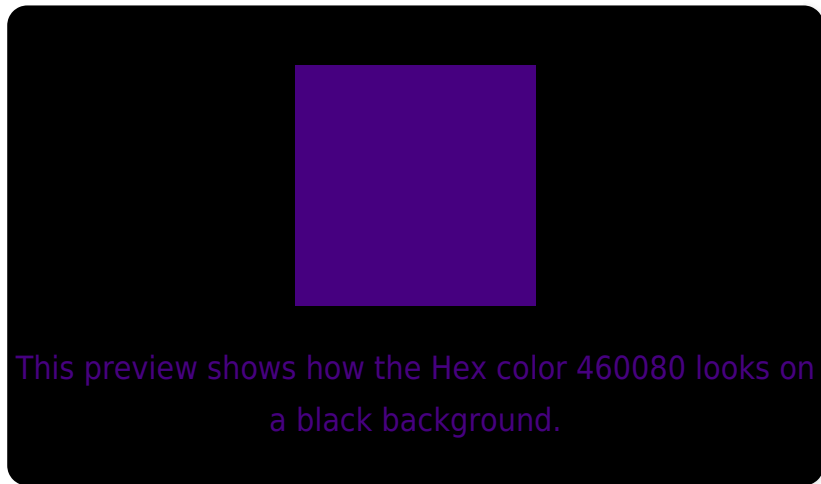
Large Text (above 18pt) WCAG AA ✓ Pass

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

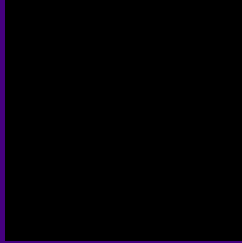
Any Text WCAG AA × Fail

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 460080 Background



This preview shows how black text looks on a background with the Hex color 460080.



This preview shows how white text looks on a background with the Hex color 460080.

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
460080

Protanopia
003167

Deuteranopia
003458



Tritanopia
343236

Trichromacy



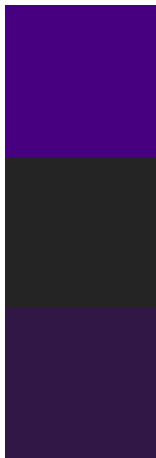
Original Color
460080

Protanomaly
191F70

Deuteranomaly
192167

Tritanomaly
3B2051

Monochromacy



Original Color
460080

Achromatopsia
242424

Achromatomaly
301745

CSS Examples

Text

The CSS property to change the color of the text to Hex 460080 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 #460080 looks like.

```
.text, #text, p{  
    color:#460080  
}
```

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 #460080 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #460080
}
```

Border

The CSS property to change the border of an element to Hex 460080 is called "border". The border property can be set on classes, ids or directly on the HTML element.

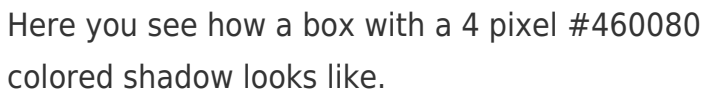
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#460080 }
```

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

```
.border{ border-color:#460080 }
```

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



Here you see how a box with a 4 pixel #460080 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #460080; -webkit-box-shadow:4px 4px  
4px 4px #460080; box-shadow:4px 4px 4px  
4px #460080 }
```

Background

The CSS property to change the background color of an element to Hex 460080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#460080 }
```

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

```
.background{ background-color:#460080 }
```

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