

Converting Colors

Hex(460A8D)

Have a look what the booklet for
Hex(460A8D) contains.

Hex(460A8D)	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(460A8D)

Conversions

Conversions Part 1

Format	Color
Hex	460A8D
RGB	70, 10, 141
RGB Percent	27%, 4%, 55%
CMY	0.7255, 0.9608, 0.4471
CMYK	0.50, 0.93, 0.00, 0.45
HSL	267°, 87%, 30%
HSV	267°, 93%, 55%
XYZ	7.4420, 3.4423, 25.4715
YIQ	42.8740, -6.2910, 53.4610

Conversions

Conversions Part 2

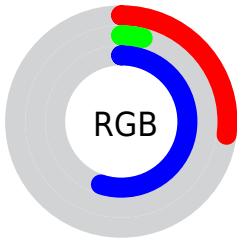
Format	Color
RYB	70, 10, 141
Decimal	4590221
CIELab	21.73, 51.26, -58.17
CIELCh	22, 77.533, 311.383
Yxy	3.4423, 0.2047, 0.0947
Android (android.graphics.Color)	4282780301 (0xFF460A8D)
YUV	42.8740, 48.3761, 23.7895
Hunter-Lab	18.5533, 39.1310, -68.4107

Details

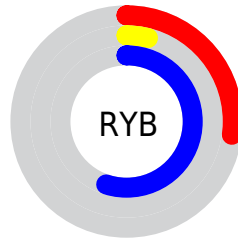
The Hex color **460A8D** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **518D0A**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **7E42C4**, and **030059** is the 20% darker color. If you saturate the color by 10%, you get **41008D**, and if you desaturate by 10%, it is **4E188D**.

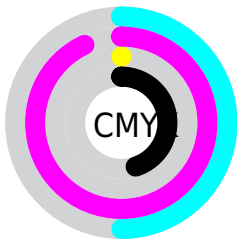
Distribution



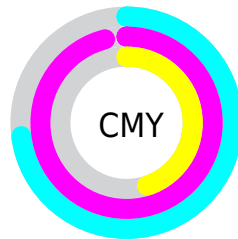
- Red (27%)
- Green (4%)
- Blue (55%)



- Red (27%)
- Yellow (4%)
- Blue (55%)



- Cyan (50%)
- Magenta (93%)
- Yellow (0%)
- Black (45%)



- Cyan (73%)
- Magenta (96%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 460A8D 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 460A8D by changing the saturation by 10% instead.

 460A8D

 460A8D

FFFFFF

 280073

 7E42C4

 030059

 9B5CE0

 000041

 B776FD

 00032A

 D590FF

 000114

 F2ACFF

 000000

 FFC8FF

 FFE4FF

 460A8D

 460A8D

■ 41008D

■ 4E188D

■ 55268D

■ 5D348D

■ 65428D

■ 6C518D

■ 745F8D

■ 7B6D8D

■ 837B8D

■ 8B898D

Harmonies

Analogous

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



0038A9



460A8D



82005A

Triad

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



460A8D



5D2200



00474A

Complementary

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



460A8D



518D0A

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.



004509



460A8D



2D3900

Square

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



460A8D



7F0000



004200



004881

Rectangle

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



460A8D



8E0035



004200



004736

Sweetspot

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



460A8D



9C84B8



0A528D



4B3D5C



DBDBDB



5C5C5C

Same Dimension

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



460A8D



5400B8



860A8D



444047



3E0087



040008

Inverse Universe

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



8D0A51



B80064



118D0A



474044



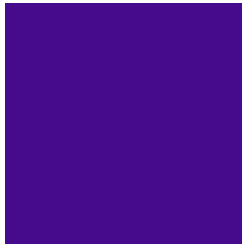
870049



080004

Previews

White Background



This preview shows how the Hex color 460A8D looks on a white background.

Color Contrast Check

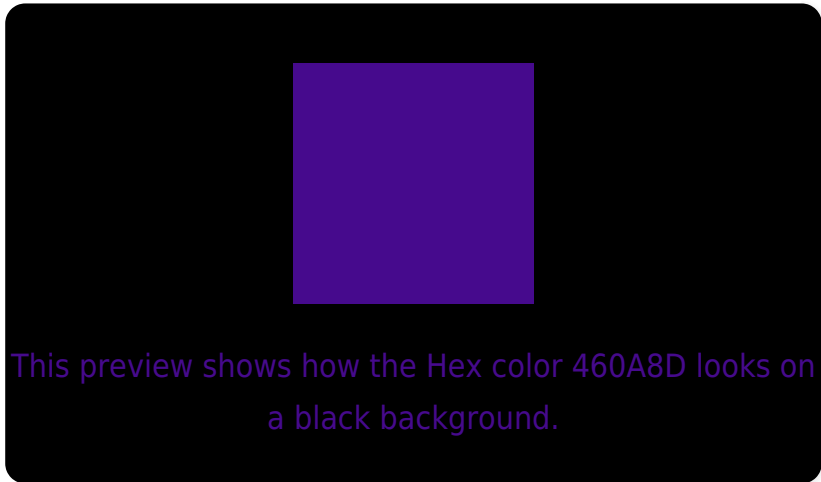
Large Text (above 18pt) WCAG AA ✓ Pass

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

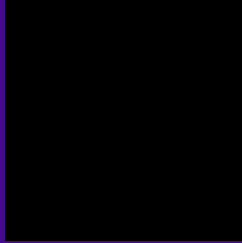
Any Text WCAG AA × Fail

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 460A8D Background



This preview shows how black text looks on a background with the Hex color 460A8D.



This preview shows how white text looks on a background with the Hex color 460A8D.

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
460A8D

Protanopia
00346E

Deuteranopia
00385E



Tritanopia
2F373C

Trichromacy



Original Color
460A8D

Protanomaly
192579

Deuteranomaly
19276F

Tritanomaly
372759

Monochromacy



Original Color
460A8D

Achromatopsia
2B2B2B

Achromatomaly
351F4F

CSS Examples

Text

The CSS property to change the color of the text to Hex 460A8D 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 #460A8D looks like.

```
.text, #text, p{  
    color:#460A8D  
}
```

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 #460A8D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #460A8D
}
```

Border

The CSS property to change the border of an element to Hex 460A8D 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".

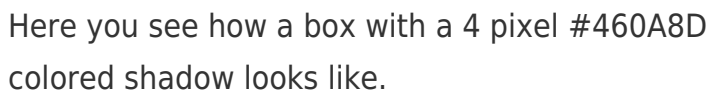
```
.border, #border, table{ border:4px solid
#460A8D }
```

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

```
.border{ border-color:#460A8D }
```

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

Here you see how a box with a 4 pixel #460A8D colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #460A8D; -webkit-box-shadow:4px 4px  
4px 4px #460A8D; box-shadow:4px 4px 4px  
4px #460A8D }
```

Background

The CSS property to change the background color of an element to Hex 460A8D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#460A8D }
```

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

```
.background{ background-color:#460A8D }
```

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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