

Converting Colors

Hex(460E8E)

Have a look what the booklet for
Hex(460E8E) contains.

Hex(460E8E)	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(460E8E)

Conversions

Conversions Part 1

Format	Color
Hex	460E8E
RGB	70, 14, 142
RGB Percent	27%, 5%, 56%
CMY	0.7255, 0.9451, 0.4431
CMYK	0.51, 0.90, 0.00, 0.44
HSL	266°, 82%, 31%
HSV	266°, 90%, 56%
XYZ	7.5653, 3.5692, 25.8814
YIQ	45.3360, -7.7120, 51.6800

Conversions

Conversions Part 2

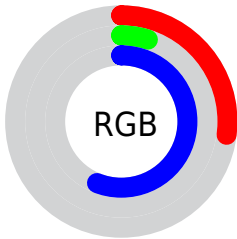
Format	Color
R_YB	70, 14, 142
Decimal	4591246
CIE _{Lab}	22.19, 50.46, -58.04
CIE _{LCh}	22, 76.907, 311.001
Yxy	3.5692, 0.2044, 0.0964
Android (android.graphics.Color)	4282781326 (0xFF460E8E)
YUV	45.3360, 47.6554, 21.6303
Hunter-Lab	18.8922, 38.4182, -67.9997

Details

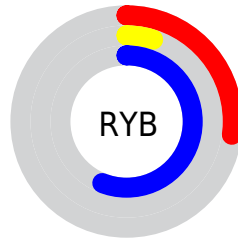
The Hex color **460E8E** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **568E0E**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **7E44C5**, and **02005A** is the 20% darker color. If you saturate the color by 10%, you get **3E008E**, and if you desaturate by 10%, it is **4E1C8E**.

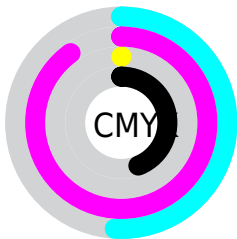
Distribution



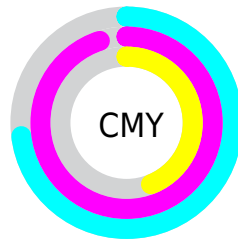
- Red (27%)
- Green (5%)
- Blue (56%)



- Red (27%)
- Yellow (5%)
- Blue (56%)



- Cyan (51%)
- Magenta (90%)
- Yellow (0%)
- Black (44%)



- Cyan (73%)
- Magenta (95%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 460E8E 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 460E8E by changing the saturation by 10% instead.

460E8E

460E8E

FFFFFF

280074

7E44C5

02005A

9B5EE1

000042

B778FE

00032B

D592FF

000115

F2AEFF

000000

FFCAFF

FFE6FF

460E8E

460E8E

■ 3E008E

■ 4E1C8E

■ 562A8E

■ 5E398E

■ 66478E

■ 6E558E

■ 76638E

■ 7E718E

■ 86808E

■ 8E8E8E

Harmonies

Analogous

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



0039AA



460E8E



82005C

Triad

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



460E8E



5F2300



00484A

Complementary

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



460E8E



568E0E

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.



004609



460E8E



2F3A00

Square

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



460E8E



800000



004300



004981

Rectangle

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



460E8E



8F0036



004300



004836

Sweetspot

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



460E8E



9C86B8



0E578E



4B3E5C



DBDBDB



5C5C5C

Same Dimension

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



460E8E



5000B8



850E8E



434047



3B0087



030008

Inverse Universe

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



8E0E56



B80067



178E0E



474044



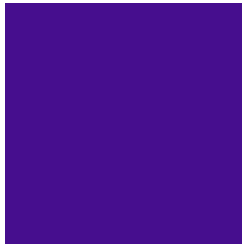
87004C



080004

Previews

White Background



This preview shows how the Hex color 460E8E looks on a white background.

Color Contrast Check

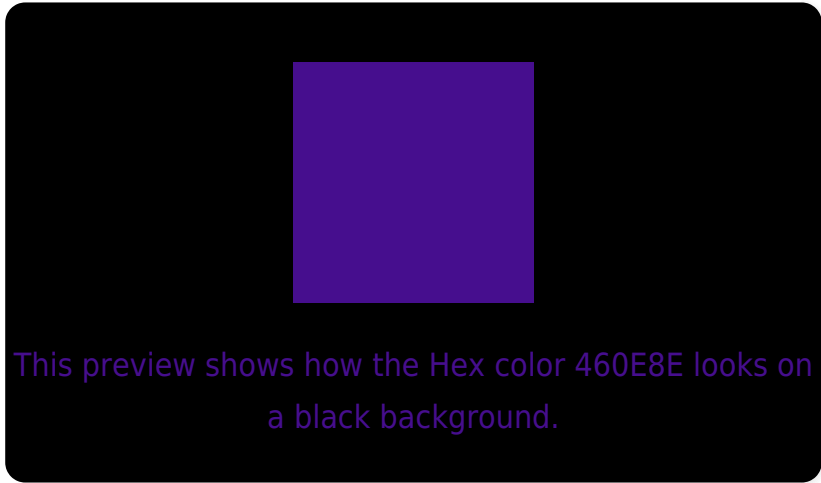
Large Text (above 18pt) WCAG AA ✓ Pass

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

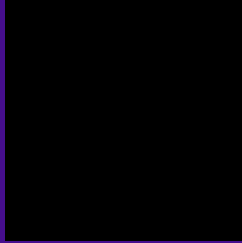
Any Text WCAG AA × Fail

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 460E8E Background



This preview shows how black text looks on a background with the Hex color 460E8E.

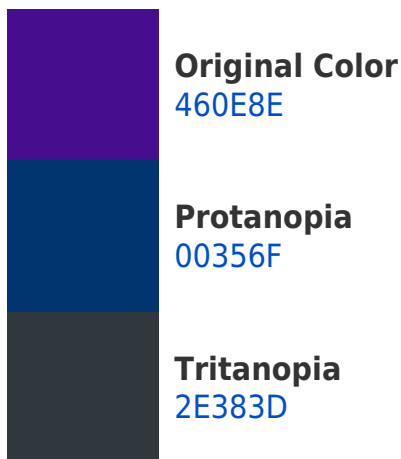


This preview shows how white text looks on a background with the Hex color 460E8E.

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

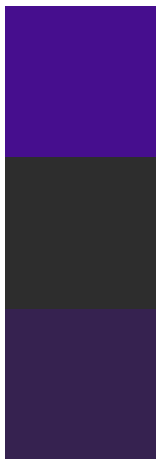


Original Color
460E8E

Protanomaly
19277A

Tritanomaly
37295A

Monochromacy



Original Color
460E8E

Achromatopsia
2D2D2D

Achromatomaly
362250

CSS Examples

Text

The CSS property to change the color of the text to Hex 460E8E 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 #460E8E looks like.

```
.text, #text, p{  
    color:#460E8E  
}
```

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 #460E8E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #460E8E
}
```

Border

The CSS property to change the border of an element to Hex 460E8E is called "border". The border property can be set on classes, ids or directly on the HTML element.

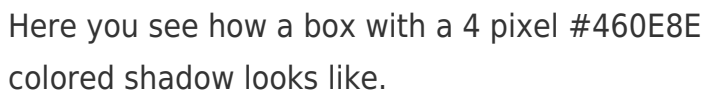
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#460E8E }
```

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

```
.border{ border-color:#460E8E }
```

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



Here you see how a box with a 4 pixel #460E8E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #460E8E; -webkit-box-shadow:4px 4px  
4px 4px #460E8E; box-shadow:4px 4px 4px  
4px #460E8E }
```

Background

The CSS property to change the background color of an element to Hex 460E8E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#460E8E }
```

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

```
.background{ background-color:#460E8E }
```

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