

Converting Colors

Hex(460E59)

Have a look what the booklet for
Hex(460E59) contains.

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Color

Hex(460E59)

Conversions

Conversions Part 1

Format	Color
Hex	460E59
RGB	70, 14, 89
RGB Percent	27%, 5%, 35%
CMY	0.7255, 0.9451, 0.6510
CMYK	0.21, 0.84, 0.00, 0.65
HSL	285°, 73%, 20%
HSV	285°, 84%, 35%
XYZ	4.4860, 2.3374, 9.6659
YIQ	39.2940, 9.3010, 35.1970

Conversions

Conversions Part 2

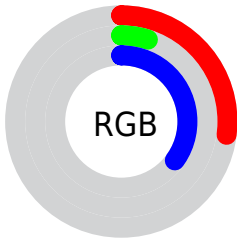
Format	Color
R_{YB}	70, 14, 89
Decimal	4591193
CIE _{Lab}	17.17, 37.73, -32.03
CIE _{LCh}	17, 49.498, 319.669
Yxy	2.3374, 0.2721, 0.1418
Android (android.graphics.Color)	4282781273 (0xFF460E59)
YUV	39.2940, 24.5051, 26.9292
Hunter-Lab	15.2887, 25.6202, -26.7827

Details

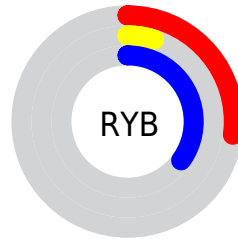
The Hex color **460E59** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **21590E**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **79408C**, and **18002B** is the 20% darker color. If you saturate the color by 10%, you get **440559**, and if you desaturate by 10%, it is **481759**.

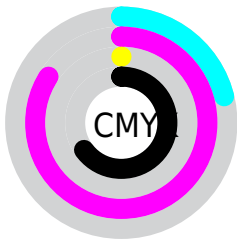
Distribution



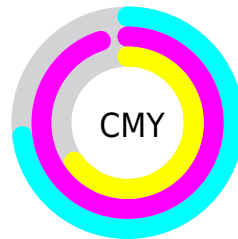
- Red (27%)
- Green (5%)
- Blue (35%)



- Red (27%)
- Yellow (5%)
- Blue (35%)



- Cyan (21%)
- Magenta (84%)
- Yellow (0%)
- Black (65%)



- Cyan (73%)
- Magenta (95%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 460E59 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 460E59 by changing the saturation by 10% instead.

 460E59

 460E59

 FFFCFF

 2D0041

 79408C

 18002B

 9459A6

 000115

 AF72C2

 000000

 CB8CDE

 E8A7FA

 FFC3FF

 FFDFFF

 460E59

 460E59

■ 440559

■ 481759

■ 420059

■ 4B2059

■ 4D2959

■ 4F3259

■ 513A59

■ 544359

■ 564C59

■ 585559

■ 5A5E59

Harmonies

Analogous

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



00276F



460E59



600038

Triad

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



460E59



3F2400



003841

Complementary

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



460E59



21590E

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.



00371C



460E59



1F3000

Square

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



460E59



570E00



003500



003761

Rectangle

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



460E59



650021



003500



003835

Sweetspot

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



460E59



6B5673



0E2259



36293B



BABABA



3B3B3B

Same Dimension

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



460E59



560073



590E47



2A272B



50006B



AF00EB

Inverse Universe

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



590E21



73001D



0E5920



2B2728



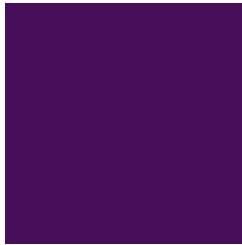
6B001B



EB003B

Previews

White Background



This preview shows how the Hex color 460E59 looks on a white background.

Color Contrast Check

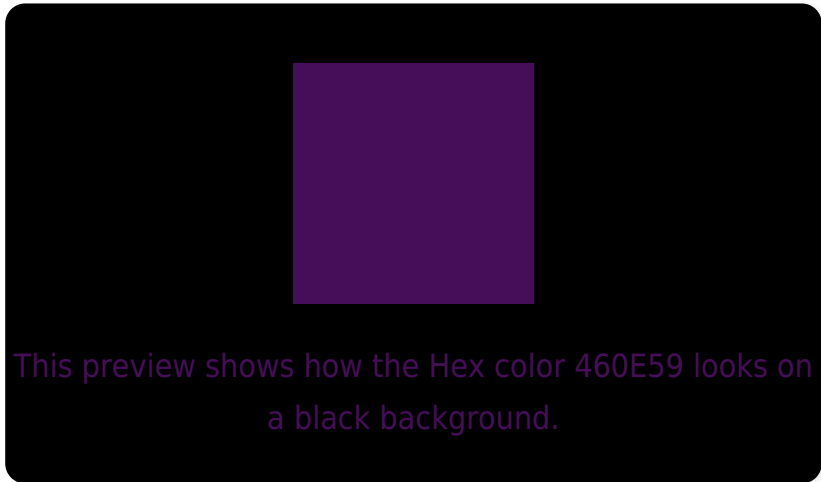
Large Text (above 18pt) WCAG AA ✓ Pass

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

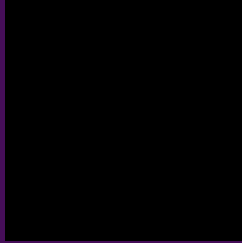
Any Text WCAG AA × Fail

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 460E59 Background



This preview shows how black text looks on a background with the Hex color 460E59.



This preview shows how white text looks on a background with the Hex color 460E59.

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
460E59

Protanopia
002B5A

Deuteranopia
002D4F



Tritanopia
3F2527

Trichromacy



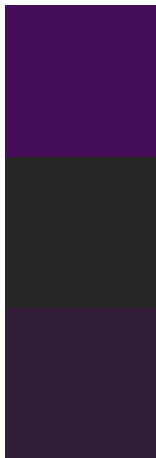
Original Color
460E59

Protanomaly
19205A

Deuteranomaly
192253

Tritanomaly
421D39

Monochromacy



Original Color
460E59

Achromatopsia
272727

Achromatomaly
321E39

CSS Examples

Text

The CSS property to change the color of the text to Hex 460E59 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 #460E59 looks like.

```
.text, #text, p{  
    color:#460E59  
}
```

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 #460E59 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #460E59
}
```

Border

The CSS property to change the border of an element to Hex 460E59 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".

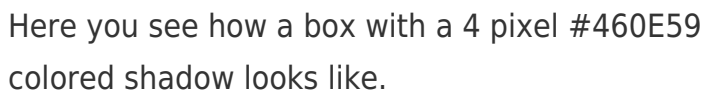
```
.border, #border, table{ border:4px solid
#460E59 }
```

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

```
.border{ border-color:#460E59 }
```

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

Here you see how a box with a 4 pixel #460E59 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #460E59; -webkit-box-shadow:4px 4px  
4px 4px #460E59; box-shadow:4px 4px 4px  
4px #460E59 }
```

Background

The CSS property to change the background color of an element to Hex 460E59 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#460E59 }
```

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

```
.background{ background-color:#460E59 }
```

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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