

Converting Colors

Hex(460E75)

Have a look what the booklet for
Hex(460E75) contains.

Hex(460E75)	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(460E75)

Conversions

Conversions Part 1

Format	Color
Hex	460E75
RGB	70, 14, 117
RGB Percent	27%, 5%, 46%
CMY	0.7255, 0.9451, 0.5412
CMYK	0.40, 0.88, 0.00, 0.54
HSL	273°, 79%, 26%
HSV	273°, 88%, 46%
XYZ	5.8937, 2.9005, 17.0788
YIQ	42.4860, 0.3130, 43.9050

Conversions

Conversions Part 2

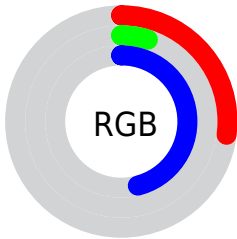
Format	Color
R_{YB}	70, 14, 117
Decimal	4591221
CIE Lab	19.64, 44.28, -46.41
CIE LCh	20, 64.145, 313.653
Yxy	2.9005, 0.2278, 0.1121
Android (android.graphics.Color)	4282781301 (0xFF460E75)
YUV	42.4860, 36.7354, 24.1298
Hunter-Lab	17.0309, 31.9675, -47.5352

Details

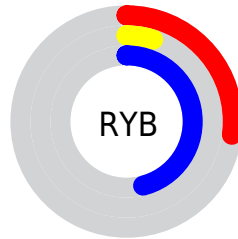
The Hex color **460E75** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **3D750E**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **7B42AA**, and **150044** is the 20% darker color. If you saturate the color by 10%, you get **410275**, and if you desaturate by 10%, it is **4B1A75**.

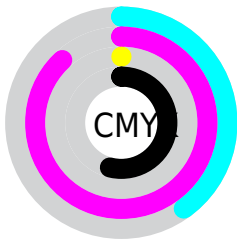
Distribution



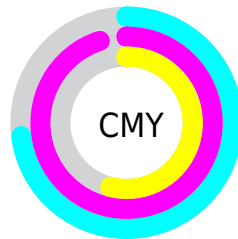
- Red (27%)
- Green (5%)
- Blue (46%)



- Red (27%)
- Yellow (5%)
- Blue (46%)



- Cyan (40%)
- Magenta (88%)
- Yellow (0%)
- Black (54%)



- Cyan (73%)
- Magenta (95%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 460E75 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 460E75 by changing the saturation by 10% instead.

 460E75

 460E75

FFFFFF

 2B005C

 7B42AA

 150044

 975BC6

 00032C

 B375E2

 000117

 CF8FFF

 000000

 ECAAFF

 FFC6FF

 FFE3FF

 460E75

 460E75

■ 410275

■ 4B1A75

■ 400075

■ 512575

■ 563175

■ 5B3D75

■ 614875

■ 665475

■ 6B6075

■ 716C75

■ 767775

Harmonies

Analogous

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



00308E



460E75



72004B

Triad

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



460E75



502300



004045

Complementary

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



460E75



3D750E

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.



003F12



460E75



283400

Square

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



460E75



6D0000



003C00



004071

Rectangle

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



460E75



7B002C



003C00



004034

Sweetspot

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



460E75



877199



0E3E75



42354D



CCCCCC



4D4D4D

Same Dimension

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



460E75



530099



750E72



38353B



43007A



8800FA

Inverse Universe

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



750E3D



990046



0E7511



3B3537



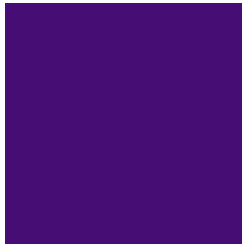
7A0038



FA0072

Previews

White Background



This preview shows how the Hex color 460E75 looks on a white background.

Color Contrast Check

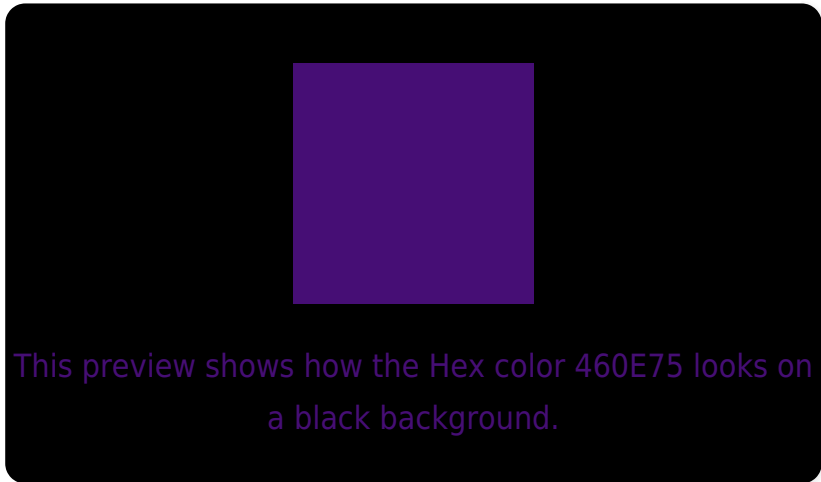
Large Text (above 18pt) WCAG AA ✓ Pass

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 460E75 Background



This preview shows how black text looks on a background with the Hex color 460E75.



This preview shows how white text looks on a background with the Hex color 460E75.

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](#).

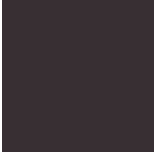
Dichromacy



Original Color
460E75

Protanopia
003065

Deuteranopia
003357



Tritanopia
382F33

Trichromacy



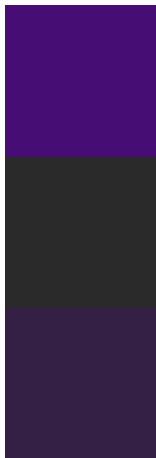
Original Color
460E75

Protanomaly
19246B

Deuteranomaly
192662

Tritanomaly
3D234B

Monochromacy



Original Color
460E75

Achromatopsia
2A2A2A

Achromatomaly
342045

CSS Examples

Text

The CSS property to change the color of the text to Hex 460E75 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 #460E75 looks like.

```
.text, #text, p{  
    color:#460E75  
}
```

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 #460E75 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #460E75  
}
```

Border

The CSS property to change the border of an element to Hex 460E75 is called "border". The border property can be set on classes, ids or directly on the HTML element.

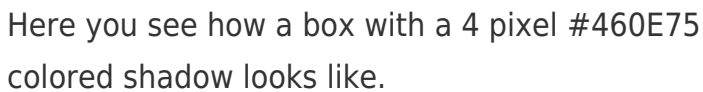
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#460E75 }
```

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

```
.border{ border-color:#460E75 }
```

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



Here you see how a box with a 4 pixel #460E75 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #460E75; -webkit-box-shadow:4px 4px  
4px 4px #460E75; box-shadow:4px 4px 4px  
4px #460E75 }
```

Background

The CSS property to change the background color of an element to Hex 460E75 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#460E75 }
```

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

```
.background{ background-color:#460E75 }
```

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