

Converting Colors

Hex(460828)

Have a look what the booklet for
Hex(460828) contains.

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Color

Hex(460828)

Conversions

Conversions Part 1

Format	Color
Hex	460828
RGB	70, 8, 40
RGB Percent	27%, 3%, 16%
CMY	0.7255, 0.9686, 0.8431
CMYK	0.00, 0.89, 0.43, 0.73
HSL	329°, 79%, 15%
HSV	329°, 89%, 27%
XYZ	2.9956, 1.6290, 2.1640
YIQ	30.1860, 26.6800, 23.0960

Conversions

Conversions Part 2

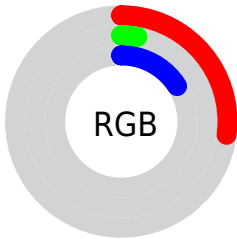
Format	Color
R_{YB}	70, 8, 40
Decimal	4589608
CIE _{Lab}	13.41, 31.19, -3.48
CIE _{LCh}	13, 31.383, 353.642
Yxy	1.6290, 0.4413, 0.2400
Android (android.graphics.Color)	4282779688 (0xFF460828)
YUV	30.1860, 4.8383, 34.9169
Hunter-Lab	12.7631, 19.5604, -1.1187




Details

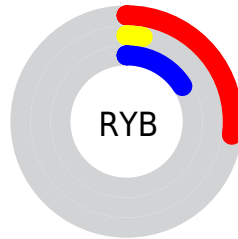
The Hex color **460828** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **084626**, and the grayscale version is **1E1E1E**.




A 20% lighter version of the original color is **793A55**, and **070000** is the 20% darker color. If you saturate the color by 10%, you get **460125**, and if you desaturate by 10%, it is **460F2B**.

Distribution







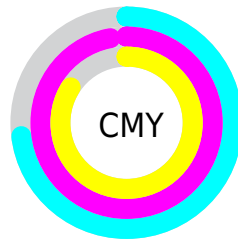
-  Red (27%)
-  Green (3%)
-  Blue (16%)






-  Red (27%)
-  Yellow (3%)
-  Blue (16%)



-  Cyan (0%)
-  Magenta (89%)
-  Yellow (43%)
-  Black (73%)



-  Cyan (73%)
-  Magenta (97%)
-  Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 460828 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 460828 by changing the saturation by 10% instead.

 460828

 460828

 FFF3FF

 2F0014

 793A55

 070000

 94526D

 000000

 B06B86

 CC85A1

 E99FBC

 FFBBD7

 FFD7F4

 460828

 460828

■ 460125

■ 460F2B

■ 460024

■ 46162F

■ 461D32

■ 462436

■ 462B39

■ 46323C

■ 463940

■ 464043

■ 464746

Harmonies

Analogous

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



38133D



460828



480A12

Triad

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



460828



1C2600



002B45

Complementary

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



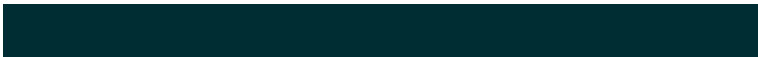
460828



084626

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.



002C33



460828



002A01

Square

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



460828



302000



002C1D



00274E

Rectangle

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



460828



431200



002C1D



002B40

Sweetspot

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



460828



5C4350



260846



2E1F27



ADADAD



2E2E2E

Same Dimension

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



460828



5C002F



460809



242022



630033



E30075

Inverse Universe

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



460828



5C002F



084645



242022



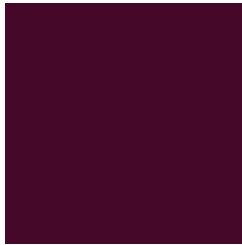
630033



E30075

Previews

White Background



This preview shows how the Hex color 460828 looks on a white background.

Color Contrast Check

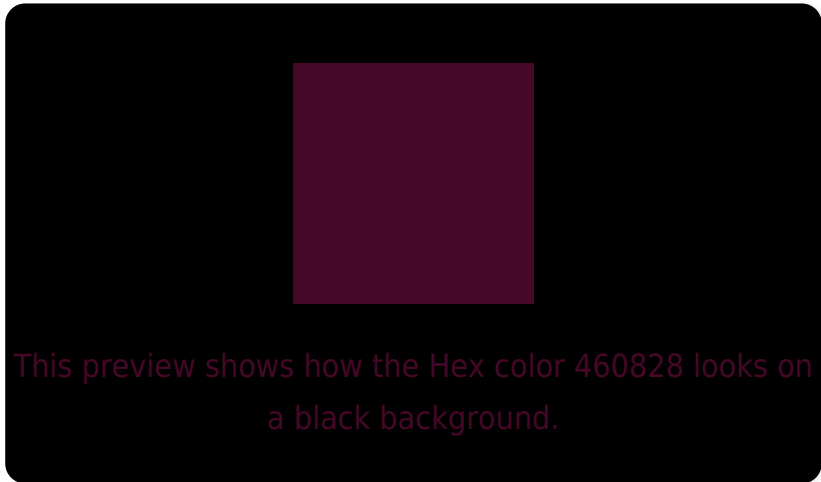
Large Text (above 18pt) WCAG AA ✓ Pass

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

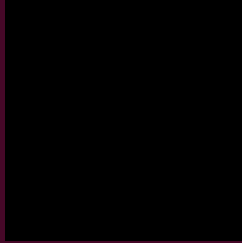
Any Text WCAG AA × Fail

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 460828 Background



This preview shows how black text looks on a background with the Hex color 460828.



This preview shows how white text looks on a background with the Hex color 460828.

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
460828

Protanopia
1E2538

Deuteranopia
292425



Tritanopia
451112

Trichromacy



Original Color
460828

Protanomaly
2D1A32

Deuteranomaly
341A26

Tritanomaly
450E1A

Monochromacy



Original Color
460828

Achromatopsia
1E1E1E

Achromatomaly
2D1622

CSS Examples

Text

The CSS property to change the color of the text to Hex 460828 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 #460828 looks like.

```
.text, #text, p{  
    color:#460828  
}
```

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 #460828 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #460828
}
```

Border

The CSS property to change the border of an element to Hex 460828 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".

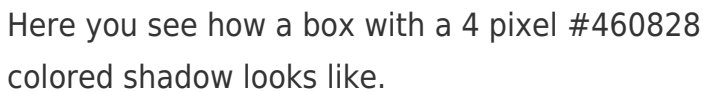
```
.border, #border, table{ border:4px solid
#460828 }
```

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

```
.border{ border-color:#460828 }
```

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

Here you see how a box with a 4 pixel #460828 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The box is white with a thin dark red border. Below the box, there is a thick dark red shadow that is wider on the left and bottom sides, and narrower on the right side, creating a 3D effect.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #460828; -webkit-box-shadow:4px 4px  
4px 4px #460828; box-shadow:4px 4px 4px  
4px #460828 }
```

Background

The CSS property to change the background color of an element to Hex 460828 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#460828 }
```

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

```
.background{ background-color:#460828 }
```

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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