

Converting Colors

Hex(460804)

Have a look what the booklet for
Hex(460804) contains.

Hex(460804)	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(460804)

Conversions

Conversions Part 1

Format	Color
Hex	460804
RGB	70, 8, 4
RGB Percent	27%, 3%, 2%
CMY	0.7255, 0.9686, 0.9843
CMYK	0.00, 0.89, 0.94, 0.73
HSL	4°, 89%, 15%
HSV	4°, 94%, 27%
XYZ	2.6345, 1.4845, 0.2626
YIQ	26.0820, 38.2360, 11.9000

Conversions

Conversions Part 2

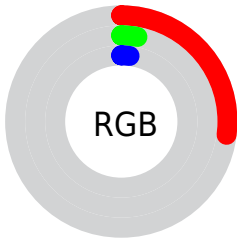
Format	Color
R_{YB}	70, 8, 4
Decimal	4589572
CIE Lab	12.51, 28.43, 17.81
CIE LCh	13, 33.552, 32.066
Yxy	1.4845, 0.6013, 0.3388
Android (android.graphics.Color)	4282779652 (0xFF460804)
YUV	26.0820, -10.8864, 38.5161
Hunter-Lab	12.1841, 17.2744, 7.2513

Details

The Hex color **460804** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **044246**, and the grayscale version is **1A1A1A**.

A 20% lighter version of the original color is **7B3832**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **460400**, and if you desaturate by 10%, it is **460F0B**.

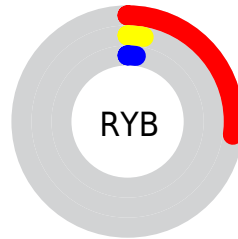
Distribution



Red (27%)

Green (3%)

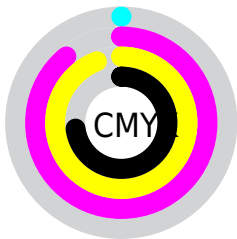
Blue (2%)



Red (27%)

Yellow (3%)

Blue (2%)

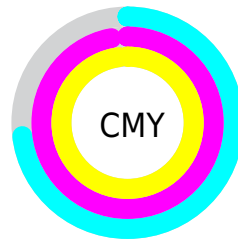


Cyan (0%)

Magenta (89%)

Yellow (94%)

Black (73%)



Cyan (73%)

Magenta (97%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 460804 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 460804 by changing the saturation by 10% instead.

 460804

 460804

 FFF1E5

 2E0000

 7B3832

 000000

 975048

 B36960

 D08379

 ED9E93

 FFB9AD

 FFD5C9

 460804

 460804

■ 460400

■ 460F0B

■ 461512

■ 461C19

■ 462220

■ 462927

■ 462F2E

■ 463635

■ 463D3C

■ 464343

Harmonies

Analogous

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



480120



460804



3A1600

Triad

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



460804



002905



00234F

Complementary

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



460804



044246

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.



00284A



460804



002B22

Square

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



460804



112600



002A39



201948

Rectangle

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



460804



2F1D00



002A39



00254F

Sweetspot

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



460804



5C4442



460443



2E1F1E



ADADAD



2E2E2E

Same Dimension

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



460804



5C0600



462804



242020



630600



E30E00

Inverse Universe

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



044246



00565C



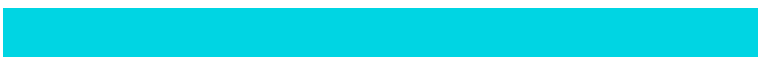
042246



202324



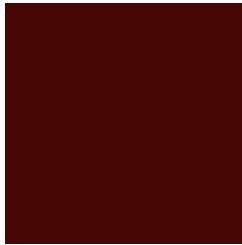
005D63



00D5E3

Previews

White Background



This preview shows how the Hex color 460804 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

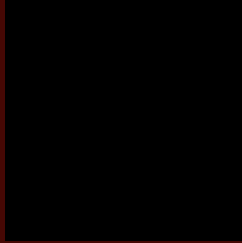
Any Text WCAG AA × Fail

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 460804 Background



This preview shows how black text looks on a background with the Hex color 460804.

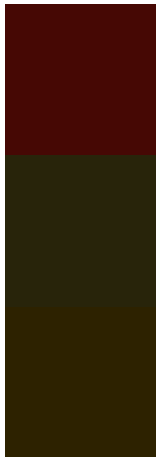


This preview shows how white text looks on a background with the Hex color 460804.

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
460804

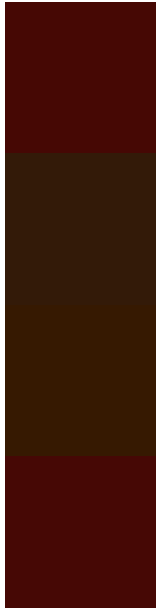
Protanopia
28240A

Deuteranopia
2D2200



Tritanopia
460806

Trichromacy



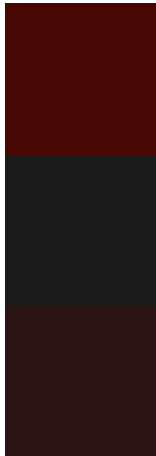
Original Color
460804

Protanomaly
331A08

Deuteranomaly
361901

Tritanomaly
460805

Monochromacy



Original Color
460804

Achromatopsia
1A1A1A

Achromatomaly
2A1312

CSS Examples

Text

The CSS property to change the color of the text to Hex 460804 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 #460804 looks like.

```
.text, #text, p{  
    color:#460804  
}
```

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 #460804 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #460804
}
```

Border

The CSS property to change the border of an element to Hex 460804 is called "border". The border property can be set on classes, ids or directly on the HTML element.

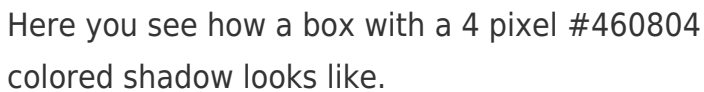
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#460804 }
```

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

```
.border{ border-color:#460804 }
```

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



Here you see how a box with a 4 pixel #460804 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #460804; -webkit-box-shadow:4px 4px  
4px 4px #460804; box-shadow:4px 4px 4px  
4px #460804 }
```

Background

The CSS property to change the background color of an element to Hex 460804 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#460804 }
```

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

```
.background{ background-color:#460804 }
```

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