

Converting Colors

Hex(462719)

Have a look what the booklet for
Hex(462719) contains.

Hex(462719)	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(462719)

Conversions

Conversions Part 1

Format	Color
Hex	462719
RGB	70, 39, 25
RGB Percent	27%, 15%, 10%
CMY	0.7255, 0.8471, 0.9020
CMYK	0.00, 0.44, 0.64, 0.73
HSL	19°, 47%, 19%
HSV	19°, 64%, 27%
XYZ	3.4268, 2.8233, 1.2840
YIQ	46.6730, 22.9700, 2.2180

Conversions

Conversions Part 2

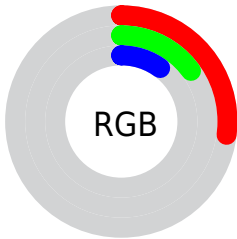
Format	Color
R_YB	70, 45, 25
Decimal	4597529
CIE Lab	19.32, 12.93, 15.38
CIE LCh	19, 20.089, 49.943
Yxy	2.8233, 0.4548, 0.3747
Android (android.graphics.Color)	4282787609 (0xFF462719)
YUV	46.6730, -10.6848, 20.4578
Hunter-Lab	16.8027, 6.9988, 7.2310

Details

The Hex color **462719** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **193846**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **795444**, and **160000** is the 20% darker color. If you saturate the color by 10%, you get **462212**, and if you desaturate by 10%, it is **462C20**.

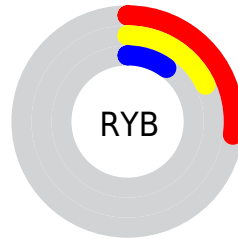
Distribution



Red (27%)

Green (15%)

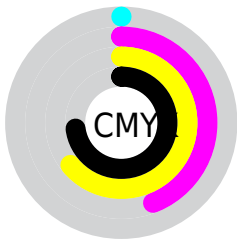
Blue (10%)



Red (27%)

Yellow (18%)

Blue (10%)

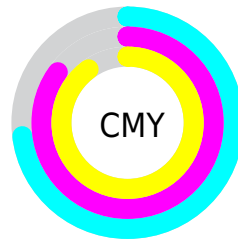


Cyan (0%)

Magenta (44%)

Yellow (64%)

Black (73%)



Cyan (73%)

Magenta (85%)

Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color 462719 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 462719 by changing the saturation by 10% instead.



462719



462719

FFFFFFC



2F1200



795444



160000



936D5C



000000



AE8675



CAA08E



E7BBA9



FFD7C4



FFF4E0



462719



462719

■ 462212

■ 462C20

■ 461D0B

■ 463127

■ 461904

■ 46352E

■ 461600

■ 463A35

■ 463F3C

■ 464443

■ 46494A

■ 464E51

■ 465258

Harmonies

Analogous

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



4A2326



462719



3C2C12

Triad

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



462719



033629



282D4A

Complementary

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



462719



193846

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.



07324B



462719



003638

Square

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



462719



1D341B



003545



3C2742

Rectangle

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



462719



333011



003545



1F2F4C

Sweetspot

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



462719



5C504A



461939



2E2723



ADADAD



2E2E2E

Same Dimension

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



462719



5C2B15



463D19



242120



631F00



E34700

Inverse Universe

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



193846



15465C



192246



202324



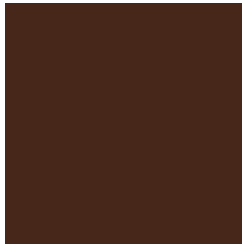
004563



009CE3

Previews

White Background



This preview shows how the Hex color 462719 looks on a white background.

Color Contrast Check

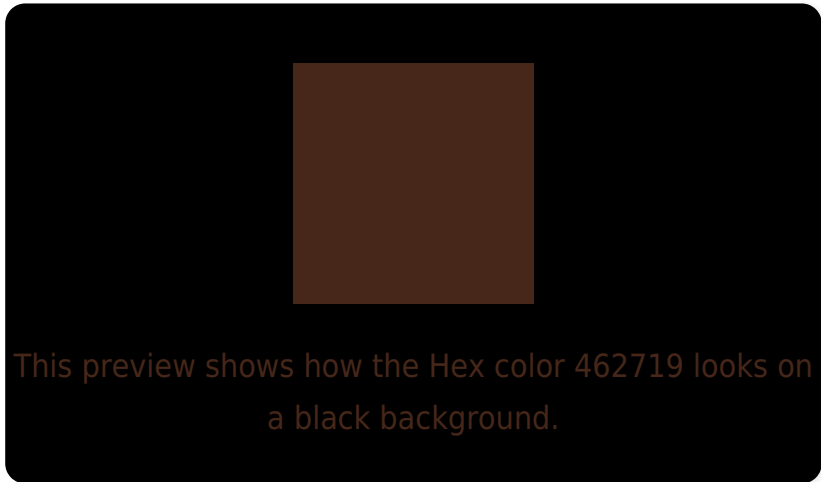
Large Text (above 18pt) WCAG AA ✓ Pass

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

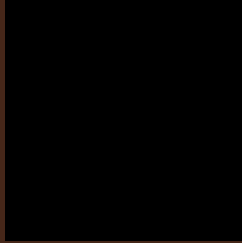
Any Text WCAG AA × Fail

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 462719 Background



This preview shows how black text looks on a background with the Hex color 462719.

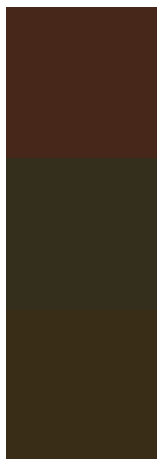


This preview shows how white text looks on a background with the Hex color 462719.

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
462719

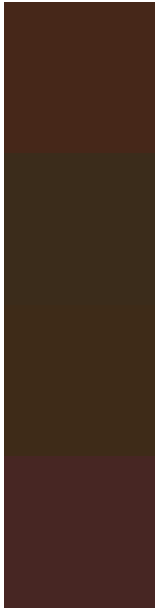
Protanopia
342F1C

Deuteranopia
3A2D18



Tritanopia
472528

Trichromacy



Original Color
462719

Protanomaly
3B2C1B

Deuteranomaly
3E2B18

Tritanomaly
472623

Monochromacy



Original Color
462719

Achromatopsia
2F2F2F

Achromatomaly
372C27

CSS Examples

Text

The CSS property to change the color of the text to Hex 462719 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 #462719 looks like.

```
.text, #text, p{  
    color:#462719  
}
```

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 #462719 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #462719
}
```

Border

The CSS property to change the border of an element to Hex 462719 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
#462719 }
```

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

```
.border{ border-color:#462719 }
```

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

Here you see how a box with a 4 pixel #462719 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #462719; -webkit-box-shadow:4px 4px  
4px 4px #462719; box-shadow:4px 4px 4px  
4px #462719 }
```

Background

The CSS property to change the background color of an element to Hex 462719 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#462719 }
```

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

```
.background{ background-color:#462719 }
```

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