

Converting Colors

Hex(462515)

Have a look what the booklet for
Hex(462515) contains.

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Color

Hex(462515)

Conversions

Conversions Part 1

Format	Color
Hex	462515
RGB	70, 37, 21
RGB Percent	27%, 15%, 8%
CMY	0.7255, 0.8549, 0.9176
CMYK	0.00, 0.47, 0.70, 0.73
HSL	20°, 54%, 18%
HSV	20°, 70%, 27%
XYZ	3.3227, 2.6794, 1.0515
YIQ	45.0430, 24.8040, 2.0200

Conversions

Conversions Part 2

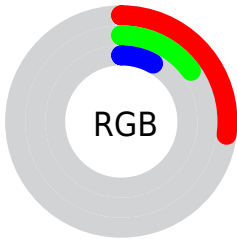
Format	Color
R_{YB}	70, 45, 21
Decimal	4597013
CIE Lab	18.71, 13.87, 17.26
CIE LCh	19, 22.141, 51.205
Yxy	2.6794, 0.4711, 0.3799
Android (android.graphics.Color)	4282787093 (0xFF462515)
YUV	45.0430, -11.8532, 21.8873
Hunter-Lab	16.3688, 7.5885, 7.6494

Details

The Hex color **462515** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **153646**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **795240**, and **130000** is the 20% darker color. If you saturate the color by 10%, you get **46200E**, and if you desaturate by 10%, it is **462A1C**.

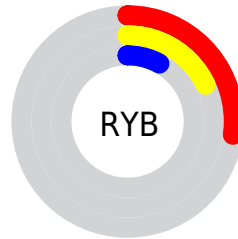
Distribution



Red (27%)

Green (15%)

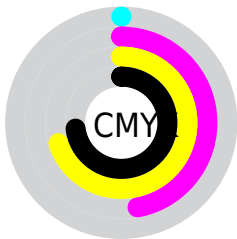
Blue (8%)



Red (27%)

Yellow (18%)

Blue (8%)

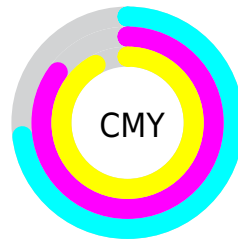


Cyan (0%)

Magenta (47%)

Yellow (70%)

Black (73%)



Cyan (73%)

Magenta (85%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color 462515 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 462515 by changing the saturation by 10% instead.

 462515

 462515

 FFFFF7

 2F1000

 795240

 130000

 946A57

 000000

 AF8470

 CB9E89

 E8B9A4

 FFD5BF

 FFF1DA

 462515

 462515

■ 46200E

■ 462A1C

■ 461C07

■ 462E23

■ 461700

■ 46332A

■ 463831

■ 463D38

■ 46413F

■ 464646

■ 464B4D

■ 464F54

Harmonies

Analogous

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



4B2023



462515



3B2B0C

Triad

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



462515



003528



272B4B

Complementary

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



462515



153646

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.



00314D



462515



003539

Square

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



462515



183419



003446



3D2542

Rectangle

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



462515



312F0C



003446



1C2D4D

Sweetspot

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



462515



5C4F49



461536



2E2622



ADADAD



2E2E2E

Same Dimension

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



462515



5C280F



463D15



242120



632000



E34A00

Inverse Universe

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



153646



0F435C



151E46



202324



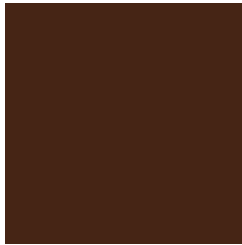
004363



0099E3

Previews

White Background



This preview shows how the Hex color 462515 looks on a white background.

Color Contrast Check

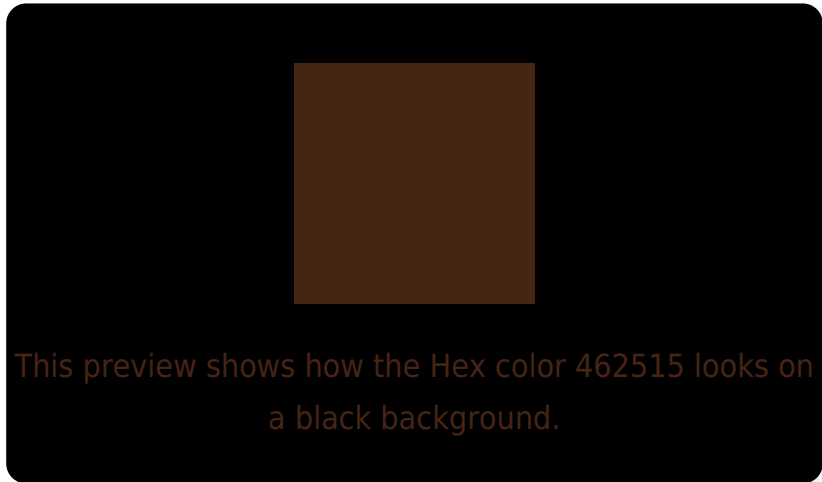
Large Text (above 18pt) WCAG AA ✓ Pass

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

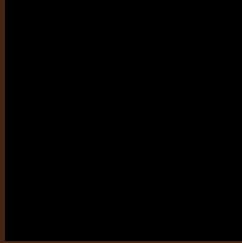
Any Text WCAG AA × Fail

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 462515 Background



This preview shows how black text looks on a background with the Hex color 462515.

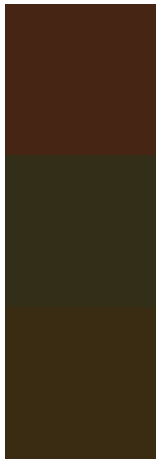


This preview shows how white text looks on a background with the Hex color 462515.

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
462515

Protanopia
332E18

Deuteranopia
392C13



Tritanopia
472326

Trichromacy



Original Color
462515

Protanomaly
3A2B17

Deuteranomaly
3E2914

Tritanomaly
472420

Monochromacy



Original Color
462515

Achromatopsia
2D2D2D

Achromatomaly
362A24

CSS Examples

Text

The CSS property to change the color of the text to Hex 462515 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 #462515 looks like.

```
.text, #text, p{  
    color:#462515  
}
```

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 #462515 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #462515
}
```

Border

The CSS property to change the border of an element to Hex 462515 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".

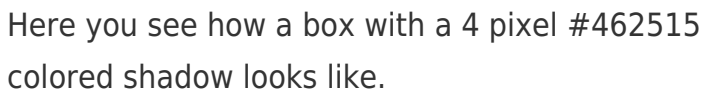
```
.border, #border, table{ border:4px solid
#462515 }
```

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

```
.border{ border-color:#462515 }
```

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

Here you see how a box with a 4 pixel #462515 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #462515; -webkit-box-shadow:4px 4px  
4px 4px #462515; box-shadow:4px 4px 4px  
4px #462515 }
```

Background

The CSS property to change the background color of an element to Hex 462515 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#462515 }
```

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

```
.background{ background-color:#462515 }
```

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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