

Converting Colors

Hex(462D18)

Have a look what the booklet for
Hex(462D18) contains.

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Color

Hex(462D18)

Conversions

Conversions Part 1

Format	Color
Hex	462D18
RGB	70, 45, 24
RGB Percent	27%, 18%, 9%
CMY	0.7255, 0.8235, 0.9059
CMYK	0.00, 0.36, 0.66, 0.73
HSL	27°, 49%, 18%
HSV	27°, 66%, 27%
XYZ	3.6290, 3.2448, 1.2992
YIQ	50.0810, 21.6410, -1.2310

Conversions

Conversions Part 2

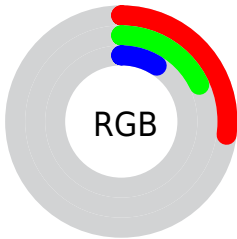
Format	Color
R_{YB}	70, 63, 24
Decimal	4599064
CIE _{Lab}	21.00, 8.89, 18.09
CIE _{LCh}	21, 20.155, 63.832
Yxy	3.2448, 0.4440, 0.3970
Android (android.graphics.Color)	4282789144 (0xFF462D18)
YUV	50.0810, -12.8579, 17.4690
Hunter-Lab	18.0134, 4.4379, 8.3331

Details

The Hex color **462D18** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **183146**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **785B43**, and **170000** is the 20% darker color. If you saturate the color by 10%, you get **462911**, and if you desaturate by 10%, it is **46311F**.

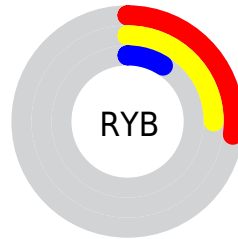
Distribution



 Red (27%)

 Green (18%)

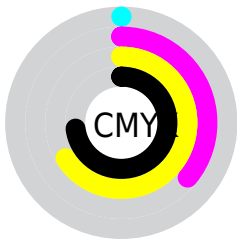
 Blue (9%)



 Red (27%)

 Yellow (25%)

 Blue (9%)

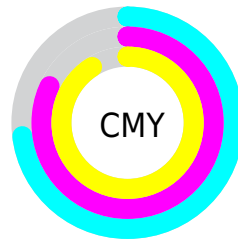


 Cyan (0%)

 Magenta (36%)

 Yellow (66%)

 Black (73%)



 Cyan (73%)

 Magenta (82%)

 Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 462D18 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 462D18 by changing the saturation by 10% instead.



462D18



462D18

FFFFFFC



2F1800



785B43



170000



93735B



000000



AE8D74



CAA78D



E6C2A8



FFDEC3



FFFBDF



462D18



462D18

■ 462911

■ 46311F

■ 46250A

■ 463526

■ 462203

■ 46382D

■ 462000

■ 463C34

■ 46403B

■ 464442

■ 464849

■ 464B50

■ 464F57

Harmonies

Analogous

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



4D2823



462D18



3A3214

Triad

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



462D18



003A34



362E4B

Complementary

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



462D18



183146

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.



1D3350



462D18



003A43

Square

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



462D18



173925



00374D



462940

Rectangle

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



462D18



303516



00374D



2F304E

Sweetspot

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



462D18



5C5249



461831



2E2823



ADADAD



2E2E2E

Same Dimension

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



462D18



5C3413



464418



242220



632D00



E36800

Inverse Universe

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



183146



133B5C



181A46



202224



003663



007BE3

Previews

White Background



This preview shows how the Hex color 462D18 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

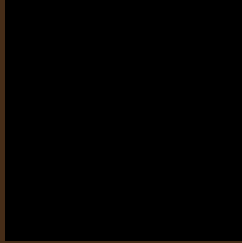
Any Text WCAG AA × Fail

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 462D18 Background



This preview shows how black text looks on a background with the Hex color 462D18.

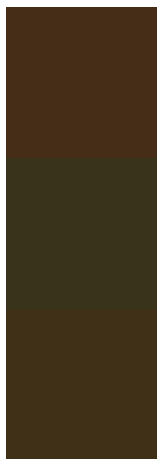


This preview shows how white text looks on a background with the Hex color 462D18.

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
462D18

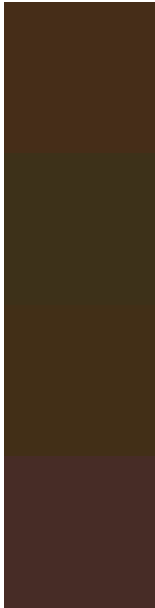
Protanopia
38331A

Deuteranopia
3F3017



Tritanopia
472B2E

Trichromacy



Original Color
462D18

Protanomaly
3D3119

Deuteranomaly
422F17

Tritanomaly
472C26

Monochromacy



Original Color
462D18

Achromatopsia
323232

Achromatomaly
393029

CSS Examples

Text

The CSS property to change the color of the text to Hex 462D18 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 #462D18 looks like.

```
.text, #text, p{  
    color:#462D18  
}
```

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 #462D18 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #462D18  
}
```

Border

The CSS property to change the border of an element to Hex 462D18 is called "border". The border property can be set on classes, ids or directly on the HTML element.

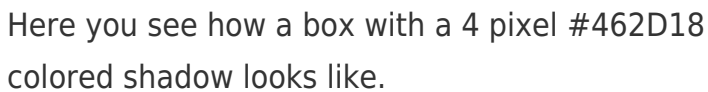
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#462D18 }
```

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

```
.border{ border-color:#462D18 }
```

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



Here you see how a box with a 4 pixel #462D18 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #462D18; -webkit-box-shadow:4px 4px  
4px 4px #462D18; box-shadow:4px 4px 4px  
4px #462D18 }
```

Background

The CSS property to change the background color of an element to Hex 462D18 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#462D18 }
```

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

```
.background{ background-color:#462D18 }
```

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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