

Converting Colors

Hex(462D25)

Have a look what the booklet for
Hex(462D25) contains.

Hex(462D25)	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(462D25)

Conversions

Conversions Part 1

Format	Color
Hex	462D25
RGB	70, 45, 37
RGB Percent	27%, 18%, 15%
CMY	0.7255, 0.8235, 0.8549
CMYK	0.00, 0.36, 0.47, 0.73
HSL	15°, 31%, 21%
HSV	15°, 47%, 27%
XYZ	3.7981, 3.3124, 2.1894
YIQ	51.5630, 17.4680, 2.8120

Conversions

Conversions Part 2

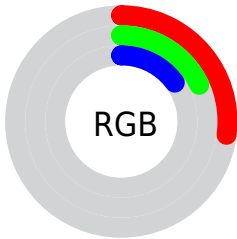
Format	Color
R_{YB}	70, 48, 37
Decimal	4599077
CIE _{Lab}	21.25, 10.36, 9.85
CIE _{LCh}	21, 14.294, 43.532
Yxy	3.3124, 0.4084, 0.3562
Android (android.graphics.Color)	4282789157 (0xFF462D25)
YUV	51.5630, -7.1796, 16.1692
Hunter-Lab	18.2001, 5.4003, 5.6076

Details

The Hex color **462D25** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **253E46**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **785B52**, and **1A0000** is the 20% darker color. If you saturate the color by 10%, you get **46281E**, and if you desaturate by 10%, it is **46322C**.

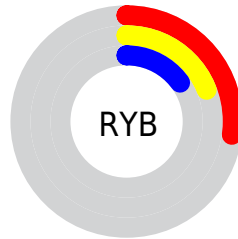
Distribution



Red (27%)

Green (18%)

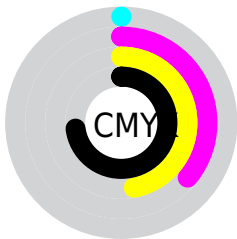
Blue (15%)



Red (27%)

Yellow (19%)

Blue (15%)

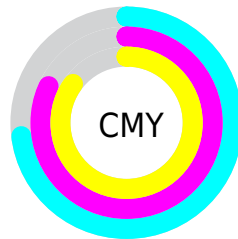


Cyan (0%)

Magenta (36%)

Yellow (47%)

Black (73%)



Cyan (73%)

Magenta (82%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 462D25 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 462D25 by changing the saturation by 10% instead.



462D25



462D25

FFFFFF



2F1810



785B52



1A0000



92736A



000000



AD8D83



C8A79D



E5C3B8



FFDFD4



FFFBF0



462D25



462D25

■ 46281E

■ 46322C

■ 462217

■ 463833

■ 461D10

■ 463D3A

■ 461809

■ 464241

■ 461202

■ 464848

■ 461100

■ 464D4F

■ 465256

■ 46575D

■ 465D64

Harmonies

Analogous

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



482B2F



462D25



3F301F

Triad

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



462D25



1D382D



2C3247

Complementary

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



462D25



253E46

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.



1C3647



462D25



123938

Square

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



462D25



2A3723



103841



3A2F42

Rectangle

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



462D25



39331E



103841



273448

Sweetspot

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



462D25



5C524F



46253E



2E2826



ADADAD



2E2E2E

Same Dimension

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



462D25



5C3427



463D25



242120



631800



E33700

Inverse Universe

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



253E46



274F5C



252E46



202324



004B63



00ACE3

Previews

White Background



This preview shows how the Hex color 462D25 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

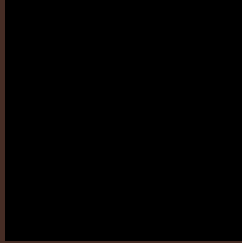
Any Text WCAG AA × Fail

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 462D25 Background



This preview shows how black text looks on a background with the Hex color 462D25.

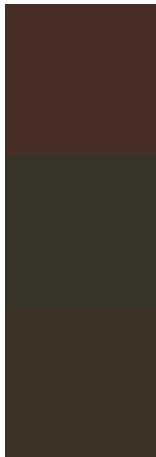


This preview shows how white text looks on a background with the Hex color 462D25.

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
462D25

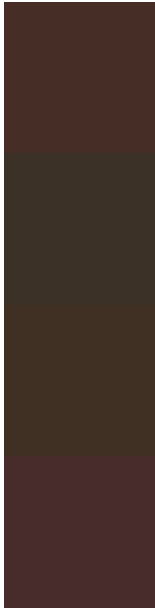
Protanopia
373328

Deuteranopia
3D3124



Tritanopia
472C2F

Trichromacy



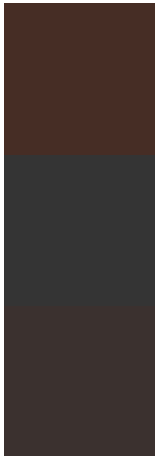
Original Color
462D25

Protanomaly
3C3127

Deuteranomaly
403024

Tritanomaly
472C2B

Monochromacy



Original Color
462D25

Achromatopsia
343434

Achromatomaly
3B312F

CSS Examples

Text

The CSS property to change the color of the text to Hex 462D25 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 #462D25 looks like.

```
.text, #text, p{  
    color:#462D25  
}
```

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 #462D25 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #462D25  
}
```

Border

The CSS property to change the border of an element to Hex 462D25 is called "border". The border property can be set on classes, ids or directly on the HTML element.

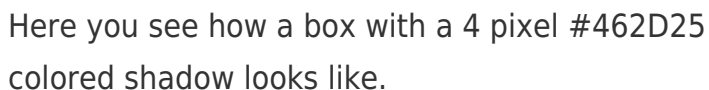
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#462D25 }
```

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

```
.border{ border-color:#462D25 }
```

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



Here you see how a box with a 4 pixel #462D25 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #462D25; -webkit-box-shadow:4px 4px  
4px 4px #462D25; box-shadow:4px 4px 4px  
4px #462D25 }
```

Background

The CSS property to change the background color of an element to Hex 462D25 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#462D25 }
```

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

```
.background{ background-color:#462D25 }
```

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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