

Converting Colors

Hex(462A30)

Have a look what the booklet for
Hex(462A30) contains.

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Color

Hex(462A30)

Conversions

Conversions Part 1

Format	Color
Hex	462A30
RGB	70, 42, 48
RGB Percent	27%, 16%, 19%
CMY	0.7255, 0.8353, 0.8118
CMYK	0.00, 0.40, 0.31, 0.73
HSL	347°, 25%, 22%
HSV	347°, 40%, 27%
XYZ	3.8873, 3.1714, 3.2036
YIQ	51.0560, 14.7620, 7.8020

Conversions

Conversions Part 2

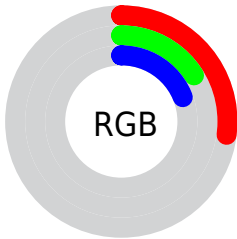
Format	Color
R_{YB}	70, 42, 48
Decimal	4598320
CIE Lab	20.72, 14.00, 1.56
CIE LCh	21, 14.089, 6.371
Yxy	3.1714, 0.3788, 0.3090
Android (android.graphics.Color)	4282788400 (0xFF462A30)
YUV	51.0560, -1.5066, 16.6139
Hunter-Lab	17.8085, 7.7983, 1.8003

Details

The Hex color **462A30** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **2A4640**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **77585E**, and **1D0000** is the 20% darker color. If you saturate the color by 10%, you get **46232B**, and if you desaturate by 10%, it is **463136**.

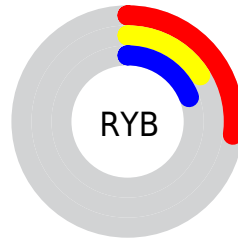
Distribution



Red (27%)

Green (16%)

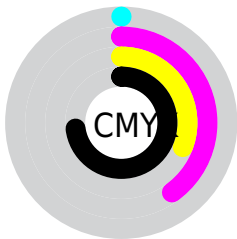
Blue (19%)



Red (27%)

Yellow (16%)

Blue (19%)

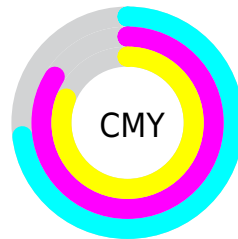


Cyan (0%)

Magenta (40%)

Yellow (31%)

Black (73%)



Cyan (73%)

Magenta (84%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 462A30 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 462A30 by changing the saturation by 10% instead.

 462A30

 462A30

FFFFFF

 2F151B

 77585E

 1D0000

 917077

 000000

 AC8A90

 C8A4AB

 E4BFC6

 FFD8E2

 FFF8FF

 462A30

 462A30

■ 46232B

■ 463136

■ 461C25

■ 46383B

■ 461520

■ 463F41

■ 460E1A

■ 464646

■ 460715

■ 464D4C

■ 46000F

■ 465451

■ 465B56

■ 46625C

■ 466962

Harmonies

Analogous

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



412B3A



462A30



452B26

Triad

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



462A30



2C3521



173545

Complementary

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



462A30



2A4640

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.



0E373E



462A30



1F3729

Square

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



462A30



37321D



133834



273246

Rectangle

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



462A30



422D21



133834



133643

Sweetspot

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



462A30



5C5153



402A46



2E2729



ADADAD



2E2E2E

Same Dimension

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



462A30



5C3039



46322A



242021



630015



E30031

Inverse Universe

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



462A30



5C3039



2A3E46



242021



630015



E30031

Previews

White Background



This preview shows how the Hex color 462A30 looks on a white background.

Color Contrast Check

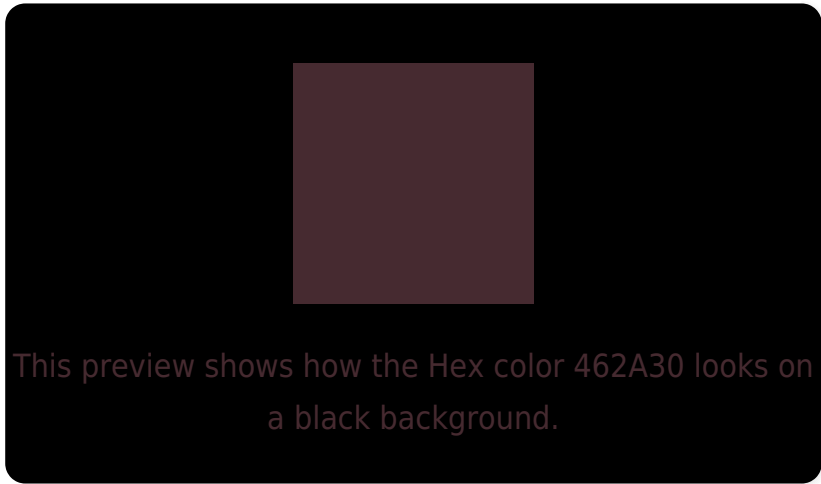
Large Text (above 18pt) WCAG AA ✓ Pass

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 462A30 Background



This preview shows how black text looks on a background with the Hex color 462A30.

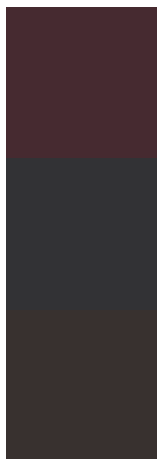


This preview shows how white text looks on a background with the Hex color 462A30.

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
462A30

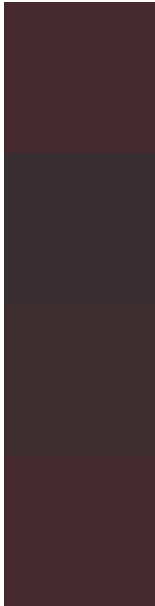
Protanopia
323235

Deuteranopia
38312F



Tritanopia
462A2E

Trichromacy



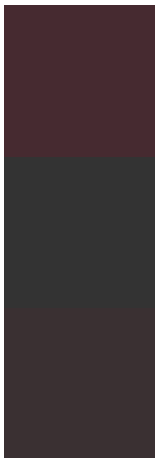
Original Color
462A30

Protanomaly
392F33

Deuteranomaly
3D2E2F

Tritanomaly
462A2F

Monochromacy



Original Color
462A30

Achromatopsia
333333

Achromatomaly
3A3032

CSS Examples

Text

The CSS property to change the color of the text to Hex 462A30 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 #462A30 looks like.

```
.text, #text, p{  
    color:#462A30  
}
```

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 #462A30 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #462A30
}
```

Border

The CSS property to change the border of an element to Hex 462A30 is called "border". The border property can be set on classes, ids or directly on the HTML element.

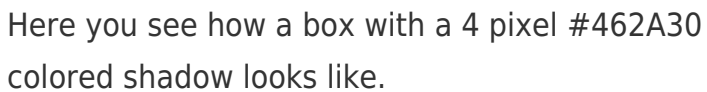
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#462A30 }
```

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

```
.border{ border-color:#462A30 }
```

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



Here you see how a box with a 4 pixel #462A30 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #462A30; -webkit-box-shadow:4px 4px  
4px 4px #462A30; box-shadow:4px 4px 4px  
4px #462A30 }
```

Background

The CSS property to change the background color of an element to Hex 462A30 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#462A30 }
```

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

```
.background{ background-color:#462A30 }
```

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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