

Converting Colors

Hex(4A2F38)

Have a look what the booklet for
Hex(4A2F38) contains.

Hex(4A2F38)	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(4A2F38)

Conversions

Conversions Part 1

Format	Color
Hex	4A2F38
RGB	74, 47, 56
RGB Percent	29%, 18%, 22%
CMY	0.7098, 0.8157, 0.7804
CMYK	0.00, 0.36, 0.24, 0.71
HSL	340°, 22%, 24%
HSV	340°, 36%, 29%
XYZ	4.5544, 3.7744, 4.2299
YIQ	56.0990, 13.2030, 8.5230

Conversions

Conversions Part 2

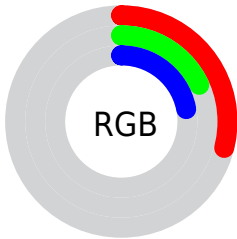
Format	Color
RYB	74, 47, 56
Decimal	4861752
CIELab	22.91, 13.89, -0.65
CIELCh	23, 13.902, 357.329
Yxy	3.7744, 0.3626, 0.3005
Android (android.graphics.Color)	4283051832 (0xFF4A2F38)
YUV	56.0990, -0.0488, 15.6992
Hunter-Lab	19.4278, 7.8462, 0.6907

Details

The Hex color **4A2F38** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **2F4A41**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **7B5D67**, and **1F000D** is the 20% darker color. If you saturate the color by 10%, you get **4A2833**, and if you desaturate by 10%, it is **4A363D**.

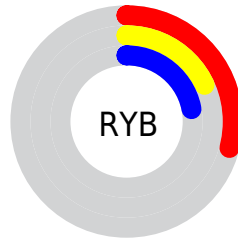
Distribution



Red (29%)

Green (18%)

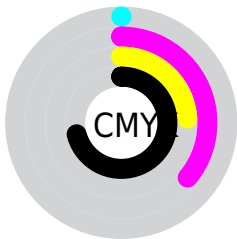
Blue (22%)



Red (29%)

Yellow (18%)

Blue (22%)

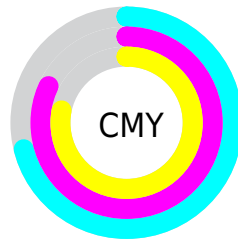


Cyan (0%)

Magenta (36%)

Yellow (24%)

Black (71%)



Cyan (71%)

Magenta (82%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4A2F38 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 4A2F38 by changing the saturation by 10% instead.



4A2F38



4A2F38

FFFFFF



331A23



7B5D67



1F000D



957680



000000



B0909A



CCAAB5



E8C6D0



FFE2EC



FFFEFF



4A2F38



4A2F38

■ 4A2833

■ 4A363D

■ 4A202E

■ 4A3E42

■ 4A1929

■ 4A4547

■ 4A1124

■ 4A4D4C

■ 4A0A1F

■ 4A5451

■ 4A031A

■ 4A5B56

■ 4A0019

■ 4A635B

■ 4A6A5F

■ 4A7264

Harmonies

Analogous

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



433142



4A2F38



4B302E

Triad

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



4A2F38



343924



1A3B48

Complementary

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



4A2F38



2F4A41

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.



153C40



4A2F38



283B2B

Square

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



4A2F38



3F3622



1C3C35



28384B

Rectangle

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



4A2F38



493128



1C3C35



173B46

Sweetspot

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



4A2F38



61565A



412F4A



302A2C



B0B0B0



303030

Same Dimension

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



4A2F38



613644



4A342F



262224



660022



E6004D

Inverse Universe

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



4A2F38



613644



2F464A



262224



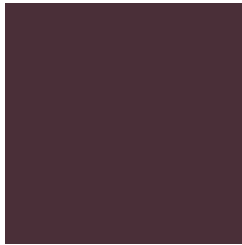
660022



E6004D

Previews

White Background



This preview shows how the Hex color 4A2F38 looks on a white background.

Color Contrast Check

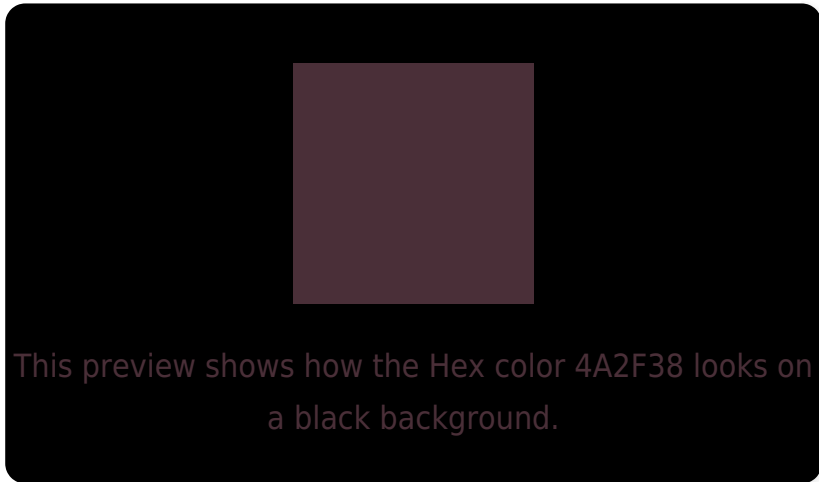
Large Text (above 18pt) WCAG AA ✓ Pass

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

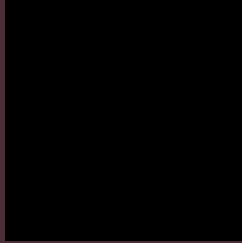
Any Text WCAG AA × Fail

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 4A2F38 Background



This preview shows how black text looks on a background with the Hex color 4A2F38.



This preview shows how white text looks on a background with the Hex color 4A2F38.

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](#).

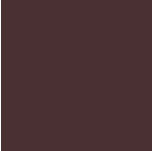
Dichromacy



Original Color
4A2F38

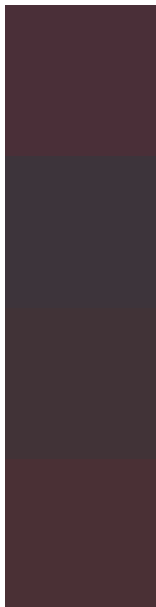
Protanopia
36373D

Deuteranopia
3C3537



Tritanopia
4A3033

Trichromacy



Original Color

4A2F38

Protanomaly

3D343B

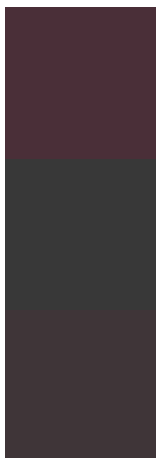
Deuteranomaly

413337

Tritanomaly

4A3035

Monochromacy



Original Color

4A2F38

Achromatopsia

383838

Achromatomaly

3F3538

CSS Examples

Text

The CSS property to change the color of the text to Hex 4A2F38 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 #4A2F38 looks like.

```
.text, #text, p{  
    color:#4A2F38  
}
```

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 #4A2F38 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A2F38  
}
```

Border

The CSS property to change the border of an element to Hex 4A2F38 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  
#4A2F38 }
```

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

```
.border{ border-color:#4A2F38 }
```

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

Here you see how a box with a 4 pixel #4A2F38 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A2F38; -webkit-box-shadow:4px 4px  
4px 4px #4A2F38; box-shadow:4px 4px 4px  
4px #4A2F38 }
```

Background

The CSS property to change the background color of an element to Hex 4A2F38 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A2F38 }
```

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

```
.background{ background-color:#4A2F38 }
```

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