

Converting Colors

Hex(4C2F30)

Have a look what the booklet for
Hex(4C2F30) contains.

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Color

Hex(4C2F30)

Conversions

Conversions Part 1

Format	Color
Hex	4C2F30
RGB	76, 47, 48
RGB Percent	30%, 18%, 19%
CMY	0.7020, 0.8157, 0.8118
CMYK	0.00, 0.38, 0.37, 0.70
HSL	358°, 24%, 24%
HSV	358°, 38%, 30%
XYZ	4.5305, 3.7829, 3.2877
YIQ	55.7850, 16.9630, 6.4590

Conversions

Conversions Part 2

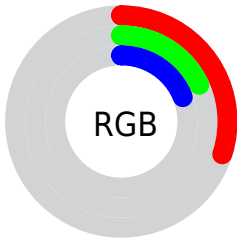
Format	Color
R_{YB}	76, 47, 48
Decimal	4992816
CIE Lab	22.94, 13.44, 4.86
CIE LCh	23, 14.294, 19.876
Yxy	3.7829, 0.3905, 0.3261
Android (android.graphics.Color)	4283182896 (0xFF4C2F30)
YUV	55.7850, -3.8380, 17.7286
Hunter-Lab	19.4498, 7.5416, 3.5927

Details

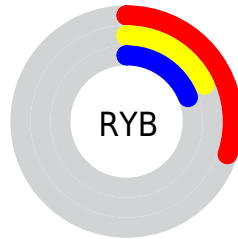
The Hex color **4C2F30** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **2F4C4B**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **7E5D5E**, and **210000** is the 20% darker color. If you saturate the color by 10%, you get **4C2729**, and if you desaturate by 10%, it is **4C3737**.

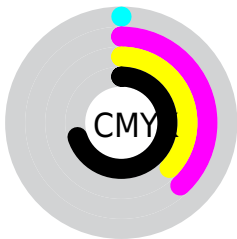
Distribution



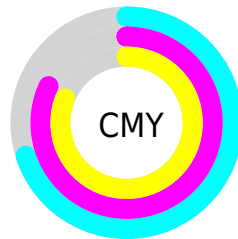
- Red (30%)
- Green (18%)
- Blue (19%)



- Red (30%)
- Yellow (18%)
- Blue (19%)



- Cyan (0%)
- Magenta (38%)
- Yellow (37%)
- Black (70%)



- Cyan (70%)
- Magenta (82%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C2F30 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 4C2F30 by changing the saturation by 10% instead.



4C2F30



4C2F30

FFFFFF



341A1B



7E5D5E



210000



987677



000000



B39090



CFAAAB



ECC6C6



FFE2E2



FFFEFF



4C2F30



4C2F30

■ 4C2729

■ 4C3737

■ 4C2021

■ 4C3E3F

■ 4C181A

■ 4C4646

■ 4C1113

■ 4C4D4D

■ 4C090B

■ 4C5555

■ 4C0104

■ 4C5D5C

■ 4C0003

■ 4C6463

■ 4C6C6B

■ 4C7372

Harmonies

Analogous

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



492F3B



4C2F30



493127

Triad

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



4C2F30



2B3B29



23394B

Complementary

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



4C2F30



2F4C4B

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.



163B47



4C2F30



1E3C33

Square

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



4C2F30



373822



143D3E



33354B

Rectangle

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



4C2F30



443423



143D3E



1E3A4A

Sweetspot

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



4C2F30



635959



4B2F4C



332C2D



B3B3B3



333333

Same Dimension

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



4C2F30



633637



4C3C2F



262223



660004



E60008

Inverse Universe

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



4C2F30



633637



2F3F4C



262223



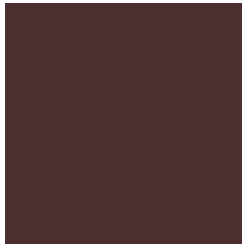
660004



E60008

Previews

White Background



This preview shows how the Hex color 4C2F30 looks on a white background.

Color Contrast Check

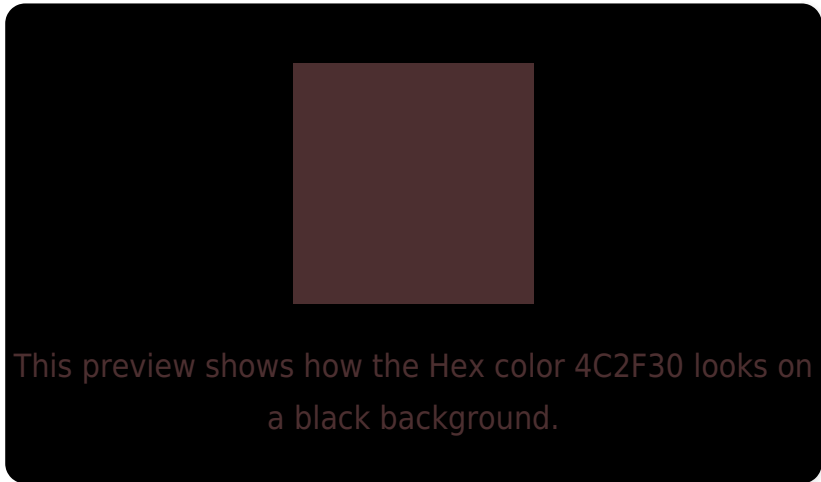
Large Text (above 18pt) WCAG AA ✓ Pass

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 4C2F30 Background



This preview shows how black text looks on a background with the Hex color 4C2F30.

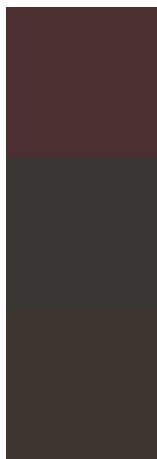


This preview shows how white text looks on a background with the Hex color 4C2F30.

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
4C2F30

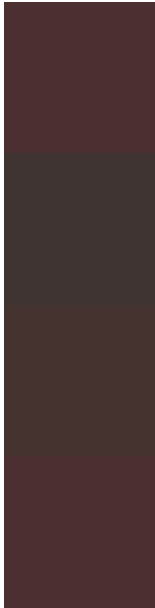
Protanopia
393734

Deuteranopia
3F352F



Tritanopia
4C2F32

Trichromacy



Original Color

4C2F30

Protanomaly

403433

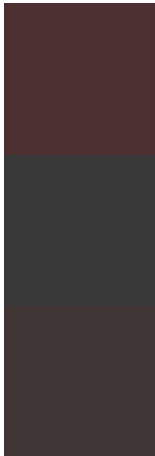
Deuteranomaly

44332F

Tritanomaly

4C2F31

Monochromacy



Original Color

4C2F30

Achromatopsia

383838

Achromatomaly

3F3535

CSS Examples

Text

The CSS property to change the color of the text to Hex 4C2F30 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 #4C2F30 looks like.

```
.text, #text, p{  
    color:#4C2F30  
}
```

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 #4C2F30 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C2F30  
}
```

Border

The CSS property to change the border of an element to Hex 4C2F30 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".

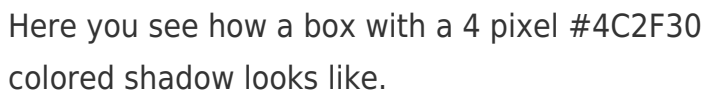
```
.border, #border, table{ border:4px solid  
#4C2F30 }
```

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

```
.border{ border-color:#4C2F30 }
```

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

Here you see how a box with a 4 pixel #4C2F30 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C2F30; -webkit-box-shadow:4px 4px  
4px 4px #4C2F30; box-shadow:4px 4px 4px  
4px #4C2F30 }
```

Background

The CSS property to change the background color of an element to Hex 4C2F30 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C2F30 }
```

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

```
.background{ background-color:#4C2F30 }
```

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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