

Converting Colors

Hex(4C1B2F)

Have a look what the booklet for
Hex(4C1B2F) contains.

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Color

Hex(4C1B2F)

Conversions

Conversions Part 1

Format	Color
Hex	4C1B2F
RGB	76, 27, 47
RGB Percent	30%, 11%, 18%
CMY	0.7020, 0.8941, 0.8157
CMYK	0.00, 0.64, 0.38, 0.70
HSL	336°, 48%, 20%
HSV	336°, 64%, 30%
XYZ	3.8855, 2.5256, 2.9720
YIQ	43.9310, 22.7840, 16.6080

Conversions

Conversions Part 2

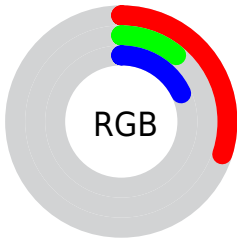
Format	Color
R_YB	76, 27, 47
Decimal	4987695
CIE _{Lab}	18.03, 25.54, -1.54
CIE _{LCh}	18, 25.590, 356.553
Yxy	2.5256, 0.4141, 0.2692
Android (android.graphics.Color)	4283177775 (0xFF4C1B2F)
YUV	43.9310, 1.5130, 28.1245
Hunter-Lab	15.8921, 15.8307, 0.0365

Details

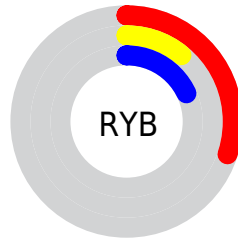
The Hex color **4C1B2F** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **1B4C38**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **7F495D**, and **1F0001** is the 20% darker color. If you saturate the color by 10%, you get **4C132B**, and if you desaturate by 10%, it is **4C2333**.

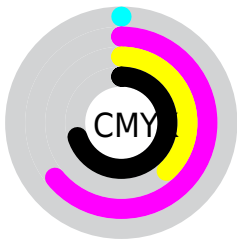
Distribution



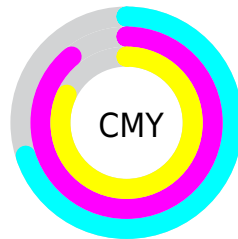
- Red (30%)
- Green (11%)
- Blue (18%)



- Red (30%)
- Yellow (11%)
- Blue (18%)



- Cyan (0%)
- Magenta (64%)
- Yellow (38%)
- Black (70%)



- Cyan (70%)
- Magenta (89%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C1B2F 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 4C1B2F by changing the saturation by 10% instead.

■ 4C1B2F

■ 4C1B2F

FFFFFF

■ 34041A

■ 7F495D

■ 1F0001

■ 9A6275

■ 000000

■ B57B8F

■ D195A9

■ EEB0C5

■ FFCCE1

■ FFE8FD

■ 4C1B2F

■ 4C1B2F

■ 4C132B

■ 4C2333

■ 4C0C26

■ 4C2A38

■ 4C0422

■ 4C323C

■ 4C001F

■ 4C3941

■ 4C4145

■ 4C494A

■ 4C504E

■ 4C5853

■ 4C5F57

Harmonies

Analogous

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



402041



4C1B2F



4D1D1D

Triad

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



4C1B2F



263006



00334B

Complementary

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



4C1B2F



1B4C38

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.



00353C



4C1B2F



0C3317

Square

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



4C1B2F



382A01



003529



002F51

Rectangle

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



4C1B2F



492112



003529



003446

Sweetspot

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



4C1B2F



635158



381B4C



33272C



B3B3B3



333333

Same Dimension

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



4C1B2F



631736



4C1F1B



262224



66002A



E6005E

Inverse Universe

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



4C1B2F



631736



1B484C



262224



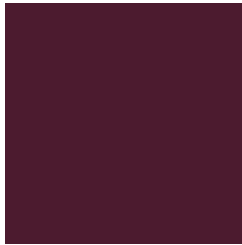
66002A



E6005E

Previews

White Background



This preview shows how the Hex color 4C1B2F looks on a white background.

Color Contrast Check

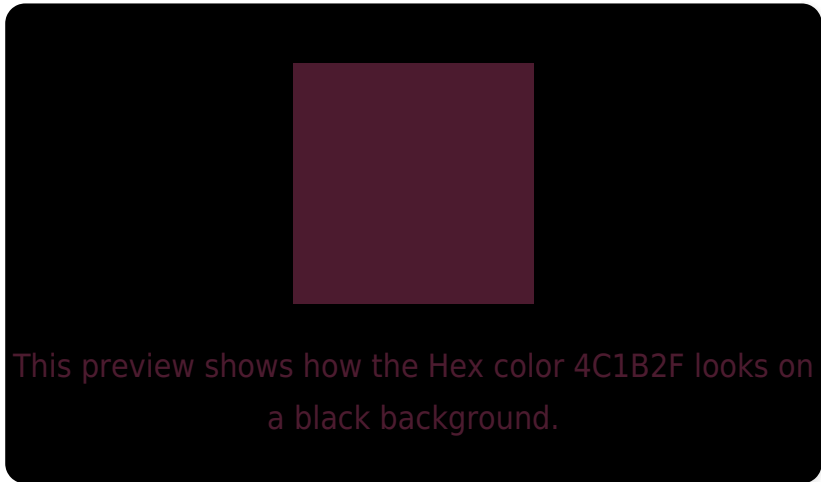
Large Text (above 18pt) WCAG AA ✓ Pass

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

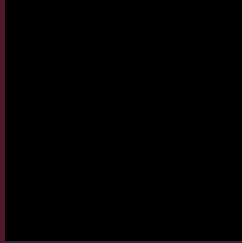
Any Text WCAG AA × Fail

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 4C1B2F Background



This preview shows how black text looks on a background with the Hex color 4C1B2F.



This preview shows how white text looks on a background with the Hex color 4C1B2F.

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
4C1B2F

Protanopia
2A2D3A

Deuteranopia
322C2D



Tritanopia
4B1E20

Trichromacy



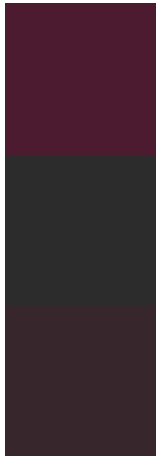
Original Color
4C1B2F

Protanomaly
362636

Deuteranomaly
3B262E

Tritanomaly
4B1D25

Monochromacy



Original Color
4C1B2F

Achromatopsia
2C2C2C

Achromatomaly
38262D

CSS Examples

Text

The CSS property to change the color of the text to Hex 4C1B2F 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 #4C1B2F looks like.

```
.text, #text, p{  
    color:#4C1B2F  
}
```

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 #4C1B2F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C1B2F
}
```

Border

The CSS property to change the border of an element to Hex 4C1B2F 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".

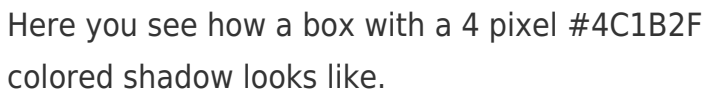
```
.border, #border, table{ border:4px solid
#4C1B2F }
```

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

```
.border{ border-color:#4C1B2F }
```

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

Here you see how a box with a 4 pixel #4C1B2F colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The box is white with a thin dark red border on the top and left sides, and a thicker dark red shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C1B2F; -webkit-box-shadow:4px 4px  
4px 4px #4C1B2F; box-shadow:4px 4px 4px  
4px #4C1B2F }
```

Background

The CSS property to change the background color of an element to Hex 4C1B2F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C1B2F }
```

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

```
.background{ background-color:#4C1B2F }
```

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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