

Converting Colors

Hex(2C172B)

Have a look what the booklet for
Hex(2C172B) contains.

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Color

Hex(2C172B)

Conversions

Conversions Part 1

Format	Color
Hex	2C172B
RGB	44, 23, 43
RGB Percent	17%, 9%, 17%
CMY	0.8275, 0.9098, 0.8314
CMYK	0.00, 0.48, 0.02, 0.83
HSL	303°, 31%, 13%
HSV	303°, 48%, 17%
XYZ	1.7811, 1.3227, 2.4469
YIQ	31.5590, 6.0960, 10.6720

Conversions

Conversions Part 2

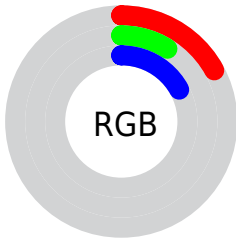
Format	Color
R_YB	44, 23, 43
Decimal	2889515
CIE Lab	11.43, 14.56, -9.14
CIE LCh	11, 17.193, 327.881
Yxy	1.3227, 0.3209, 0.2383
Android (android.graphics.Color)	4281079595 (0xFF2C172B)
YUV	31.5590, 5.6404, 10.9108
Hunter-Lab	11.5008, 7.5182, -4.5641

Details

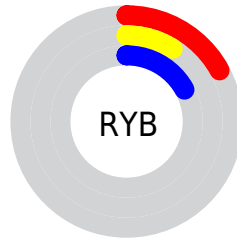
The Hex color **2C172B** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **172C18**, and the grayscale version is **1F1F1F**.

A 20% lighter version of the original color is **5A4258**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2C132B**, and if you desaturate by 10%, it is **2C1B2B**.

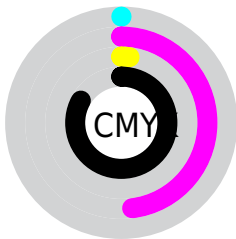
Distribution



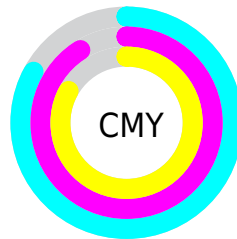
- Red (17%)
- Green (9%)
- Blue (17%)



- Red (17%)
- Yellow (9%)
- Blue (17%)



- Cyan (0%)
- Magenta (48%)
- Yellow (2%)
- Black (83%)



- Cyan (83%)
- Magenta (91%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C172B 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 2C172B by changing the saturation by 10% instead.

■ 2C172B

■ 2C172B

■ FFFAFF

■ 190017

■ 5A4258

■ 000000

■ 735A71

■ 8D738A

■ A78CA5

■ C2A7C0

■ DEC2DC

■ FBDEF8

■ 2C172B

■ 2C172B

■ 2C132B

■ 2C1B2B

■ 2C0E2B

■ 2C202B

■ 2C0A2A

■ 2C242C

■ 2C052A

■ 2C292C

■ 2C012A

■ 2C2D2C

■ 2C002A

■ 2C312C

■ 2C362C

■ 2C3A2D

■ 2C3F2D

Harmonies

Analogous

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



1E1C33



2C172B



331420

Triad

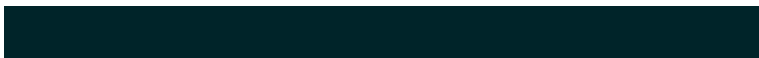
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



2C172B



271D00



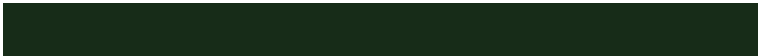
002429

Complementary

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



2C172B



172C18

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.



00241D



2C172B



1B2104

Square

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



2C172B



2F1907



0B2311



002332

Rectangle

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



2C172B



341518



0B2311



002425

Sweetspot

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



2C172B



383038



18172C



1C171C



9C9C9C



1C1C1C

Same Dimension

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



2C172B



381837



2C1721



171517



570053



D600CC

Inverse Universe

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



2C172B



381837



172C22



171517



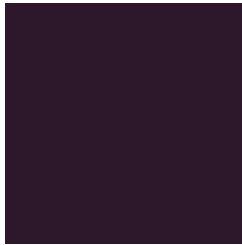
570053



D600CC

Previews

White Background



This preview shows how the Hex color 2C172B looks on a white background.

Color Contrast Check

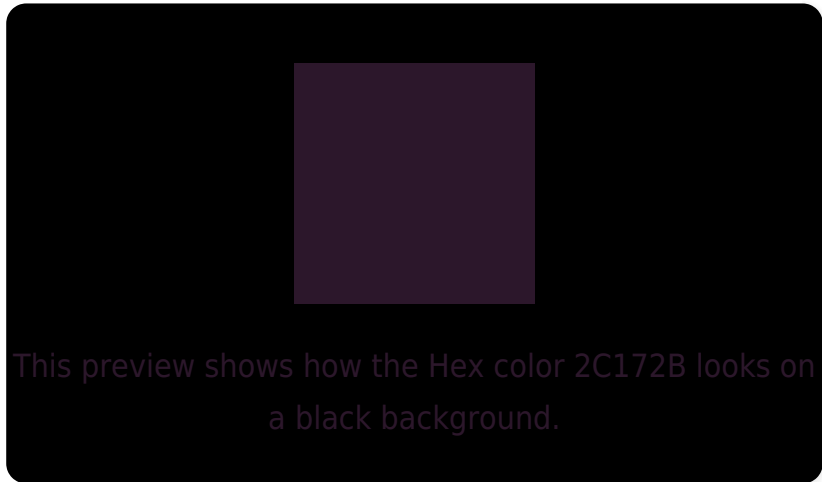
Large Text (above 18pt) WCAG AA ✓ Pass

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

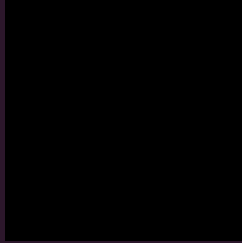
Any Text WCAG AA × Fail

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 2C172B Background



This preview shows how black text looks on a background with the Hex color 2C172B.



This preview shows how white text looks on a background with the Hex color 2C172B.

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
2C172B

Protanopia
181E31

Deuteranopia
1C1E2A

Trichromacy



Original Color
2C172B

Protanomaly
1F1B2F

Deuteranomaly
221B2A

Tritanomaly
2B1921

Monochromacy



Original Color
2C172B

Achromatopsia
202020

Achromatomaly
241D24

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C172B 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 #2C172B looks like.

```
.text, #text, p{  
    color:#2C172B  
}
```

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 #2C172B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C172B
}
```

Border

The CSS property to change the border of an element to Hex 2C172B is called "border". The border property can be set on classes, ids or directly on the HTML element.

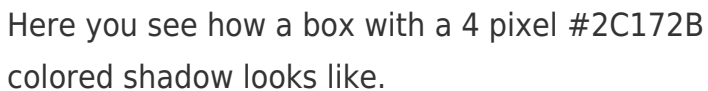
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2C172B }
```

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

```
.border{ border-color:#2C172B }
```

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



Here you see how a box with a 4 pixel #2C172B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C172B; -webkit-box-shadow:4px 4px  
4px 4px #2C172B; box-shadow:4px 4px 4px  
4px #2C172B }
```

Background

The CSS property to change the background color of an element to Hex 2C172B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C172B }
```

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

```
.background{ background-color:#2C172B }
```

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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