

Converting Colors

Hex(2C2B4E)

Have a look what the booklet for
Hex(2C2B4E) contains.

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Color

Hex(2C2B4E)

Conversions

Conversions Part 1

Format	Color
Hex	2C2B4E
RGB	44, 43, 78
RGB Percent	17%, 17%, 31%
CMY	0.8275, 0.8314, 0.6941
CMYK	0.44, 0.45, 0.00, 0.69
HSL	242°, 29%, 24%
HSV	242°, 45%, 31%
XYZ	3.2777, 2.8133, 7.5780
YIQ	47.2890, -10.6390, 11.0970

Conversions

Conversions Part 2

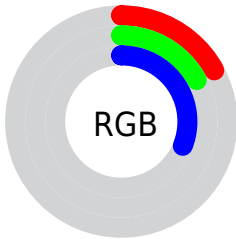
Format	Color
R_{YB}	44, 43, 78
Decimal	2894670
CIE _{Lab}	19.28, 10.68, -21.44
CIE _{LCh}	19, 23.952, 296.477
Yxy	2.8133, 0.2398, 0.2058
Android (android.graphics.Color)	4281084750 (0xFF2C2B4E)
YUV	47.2890, 15.1405, -2.8845
Hunter-Lab	16.7728, 5.5298, -15.0463

Details

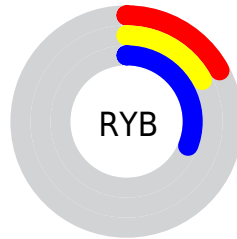
The Hex color **2C2B4E** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **4D4E2B**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **5C587F**, and **000022** is the 20% darker color. If you saturate the color by 10%, you get **24234E**, and if you desaturate by 10%, it is **34334E**.

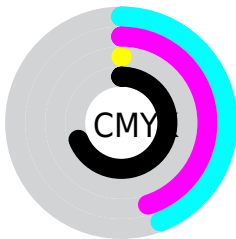
Distribution



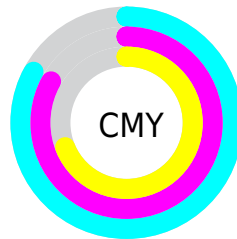
- Red (17%)
- Green (17%)
- Blue (31%)



- Red (17%)
- Yellow (17%)
- Blue (31%)



- Cyan (44%)
- Magenta (45%)
- Yellow (0%)
- Black (69%)



- Cyan (83%)
- Magenta (83%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C2B4E 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 2C2B4E by changing the saturation by 10% instead.

■ 2C2B4E

■ 2C2B4E

FFFFFF

■ 151737

■ 5C587F

■ 000022

■ 757199

■ 000007

■ 8F8AB4

■ 000000

■ A9A4D0

■ C5C0EC

■ E1DBFF

■ FEF8FF

■ 2C2B4E

■ 2C2B4E

■ 24234E

■ 34334E

■ 1D1B4E

■ 3B3B4E

■ 15144E

■ 43424E

■ 0E0C4E

■ 4A4A4E

■ 06044E

■ 52524E

■ 02004E

■ 595A4E

■ 61624E

■ 69694E

■ 70714E

Harmonies

Analogous

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



003151



2C2B4E



422442

Triad

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



2C2B4E



472712



00372C

Complementary

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



2C2B4E



4D4E2B

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.



12361B



2C2B4E



3A2D09

Square

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



2C2B4E



4E2120



29320D



00373E

Rectangle

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



2C2B4E



4B2037



29320D



003726

Sweetspot

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



2C2B4E



595966



2B4D4E



2B2B33



B3B3B3



333333

Same Dimension

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



2C2B4E



302F66



3D2B4E



232226



030066



0700E6

Inverse Universe

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



4E2B4D



662F64



3C4E2B



262226



660063



E600DF

Previews

White Background



This preview shows how the Hex color 2C2B4E looks on a white background.

Color Contrast Check

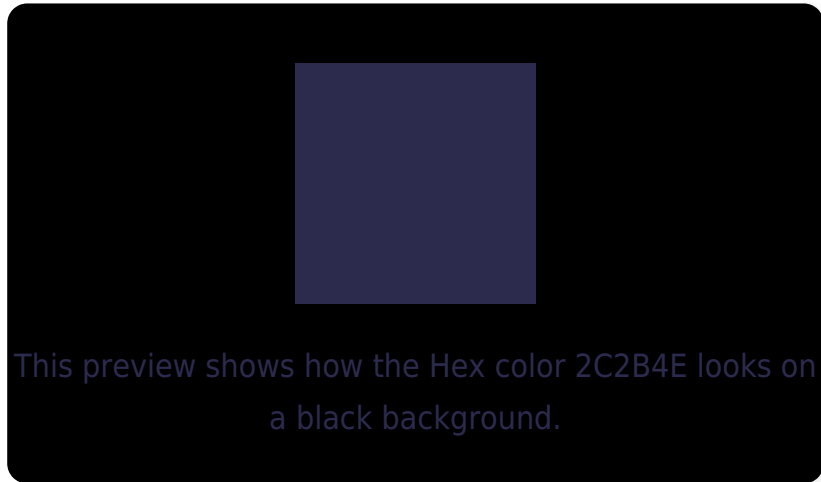
Large Text (above 18pt) WCAG AA ✓ Pass

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

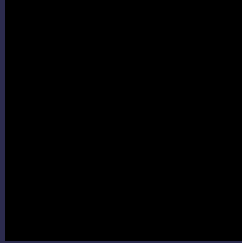
Any Text WCAG AA × Fail

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 2C2B4E Background



This preview shows how black text looks on a background with the Hex color 2C2B4E.



This preview shows how white text looks on a background with the Hex color 2C2B4E.

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
2C2B4E

Protanopia
202E51

Deuteranopia
1C2F4D



Tritanopia
253135

Trichromacy



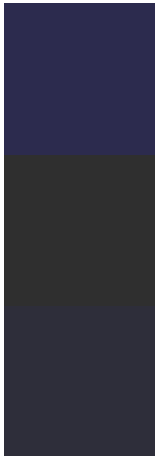
Original Color
2C2B4E

Protanomaly
242D50

Deuteranomaly
222E4D

Tritanomaly
282F3E

Monochromacy



Original Color
2C2B4E

Achromatopsia
2F2F2F

Achromatomaly
2E2E3A

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C2B4E 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 #2C2B4E looks like.

```
.text, #text, p{  
    color:#2C2B4E  
}
```

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 #2C2B4E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C2B4E
}
```

Border

The CSS property to change the border of an element to Hex 2C2B4E is called "border". The border property can be set on classes, ids or directly on the HTML element.

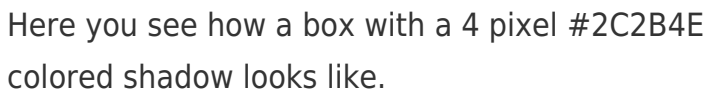
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2C2B4E }
```

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

```
.border{ border-color:#2C2B4E }
```

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



Here you see how a box with a 4 pixel #2C2B4E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C2B4E; -webkit-box-shadow:4px 4px  
4px 4px #2C2B4E; box-shadow:4px 4px 4px  
4px #2C2B4E }
```

Background

The CSS property to change the background color of an element to Hex 2C2B4E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C2B4E }
```

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

```
.background{ background-color:#2C2B4E }
```

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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