

Converting Colors

Hex(2C2A50)

Have a look what the booklet for
Hex(2C2A50) contains.

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Color

Hex(2C2A50)

Conversions

Conversions Part 1

Format	Color
Hex	2C2A50
RGB	44, 42, 80
RGB Percent	17%, 16%, 31%
CMY	0.8275, 0.8353, 0.6863
CMYK	0.45, 0.48, 0.00, 0.69
HSL	243°, 31%, 24%
HSV	243°, 48%, 31%
XYZ	3.3146, 2.7706, 7.9495
YIQ	46.9300, -11.0060, 12.2420

Conversions

Conversions Part 2

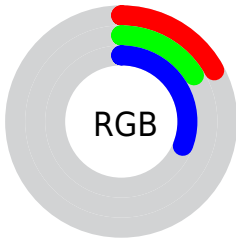
Format	Color
R_{YB}	44, 42, 80
Decimal	2894416
CIE _{Lab}	19.10, 12.06, -23.07
CIE _{LCh}	19, 26.034, 297.597
Yxy	2.7706, 0.2362, 0.1974
Android (android.graphics.Color)	4281084496 (0xFF2C2A50)
YUV	46.9300, 16.3035, -2.5696
Hunter-Lab	16.6451, 6.4169, -16.6646

Details

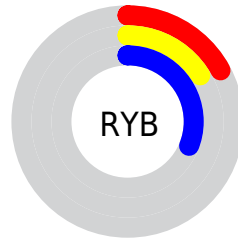
The Hex color **2C2A50** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **4E502A**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **5C5782**, and **000023** is the 20% darker color. If you saturate the color by 10%, you get **242250**, and if you desaturate by 10%, it is **343250**.

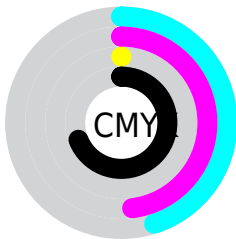
Distribution



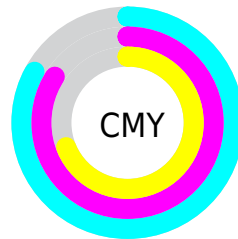
- Red (17%)
- Green (16%)
- Blue (31%)



- Red (17%)
- Yellow (16%)
- Blue (31%)



- Cyan (45%)
- Magenta (48%)
- Yellow (0%)
- Black (69%)



- Cyan (83%)
- Magenta (84%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C2A50 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 2C2A50 by changing the saturation by 10% instead.

■ 2C2A50

■ 2C2A50

FFFFFF

■ 151639

■ 5C5782

■ 000023

■ 75709C

■ 00000A

■ 8F89B7

■ 000000

■ AAA3D2

■ C5BEEF

■ E2DAFF

■ FEF7FF

■ 2C2A50

■ 2C2A50

■ 242250

■ 343250

■ 1D1A50

■ 3B3A50

■ 151250

■ 434250

■ 0E0A50

■ 4A4A50

■ 060250

■ 525250

■ 040050

■ 595A50

■ 616250

■ 696A50

■ 707250

Harmonies

Analogous

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



003154



2C2A50



442243

Triad

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



2C2A50



48260E



00372C

Complementary

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



2C2A50



4E502A

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.



0C3619



2C2A50



3A2D03

Square

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



2C2A50



501F1E



273209



00373F

Rectangle

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



2C2A50



4D1E37



273209



003726

Sweetspot

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



2C2A50



5B5A69



2A4E50



2D2C36



B5B5B5



363636

Same Dimension

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



2C2A50



302D69



3F2A50



252529



060069



0C00E8

Inverse Universe

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



502A4E



692D65



3B502A



292529



690063



E800DC

Previews

White Background



This preview shows how the Hex color 2C2A50 looks on a white background.

Color Contrast Check

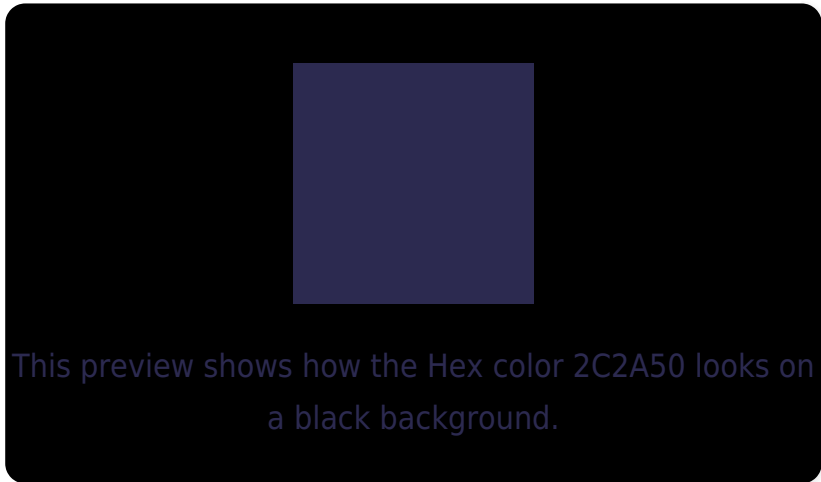
Large Text (above 18pt) WCAG AA ✓ Pass

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

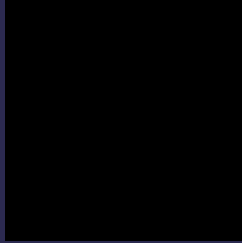
Any Text WCAG AA × Fail

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 2C2A50 Background



This preview shows how black text looks on a background with the Hex color 2C2A50.



This preview shows how white text looks on a background with the Hex color 2C2A50.

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
2C2A50

Protanopia
1C2D53

Deuteranopia
172F4F



Tritanopia
253034

Trichromacy



Original Color
2C2A50

Protanomaly
222C52

Deuteranomaly
1F2D4F

Tritanomaly
282E3E

Monochromacy



Original Color
2C2A50

Achromatopsia
2F2F2F

Achromatomaly
2E2D3B

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C2A50 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 #2C2A50 looks like.

```
.text, #text, p{  
    color:#2C2A50  
}
```

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 #2C2A50 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C2A50
}
```

Border

The CSS property to change the border of an element to Hex 2C2A50 is called "border". The border property can be set on classes, ids or directly on the HTML element.

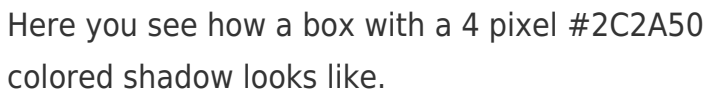
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2C2A50 }
```

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

```
.border{ border-color:#2C2A50 }
```

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



Here you see how a box with a 4 pixel #2C2A50 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C2A50; -webkit-box-shadow:4px 4px  
4px 4px #2C2A50; box-shadow:4px 4px 4px  
4px #2C2A50 }
```

Background

The CSS property to change the background color of an element to Hex 2C2A50 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C2A50 }
```

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

```
.background{ background-color:#2C2A50 }
```

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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