

Converting Colors

Hex(2D2A4C)

Have a look what the booklet for
Hex(2D2A4C) contains.

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Color

Hex(2D2A4C)

Conversions

Conversions Part 1

Format	Color
Hex	2D2A4C
RGB	45, 42, 76
RGB Percent	18%, 16%, 30%
CMY	0.8235, 0.8353, 0.7020
CMYK	0.41, 0.45, 0.00, 0.70
HSL	245°, 29%, 23%
HSV	245°, 45%, 30%
XYZ	3.2147, 2.7356, 7.1961
YIQ	46.7730, -9.1260, 11.2100

Conversions

Conversions Part 2

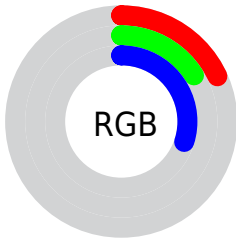
Format	Color
RYB	45, 42, 76
Decimal	2959948
CIELab	18.95, 11.04, -20.60
CIELCh	19, 23.371, 298.190
Yxy	2.7356, 0.2445, 0.2081
Android (android.graphics.Color)	4281150028 (0xFF2D2A4C)
YUV	46.7730, 14.4089, -1.5549
Hunter-Lab	16.5397, 5.7488, -14.2180




Details

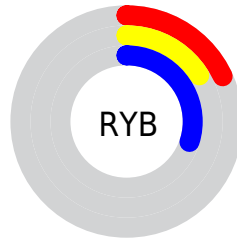
The Hex color **2D2A4C** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **494C2A**, and the grayscale version is **2F2F2F**.




A 20% lighter version of the original color is **5C577D**, and **000020** is the 20% darker color. If you saturate the color by 10%, you get **26224C**, and if you desaturate by 10%, it is **34324C**.

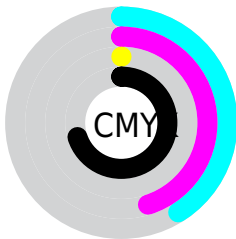
Distribution







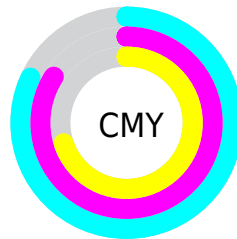
-  Red (18%)
-  Green (16%)
-  Blue (30%)






-  Red (18%)
-  Yellow (16%)
-  Blue (30%)



-  Cyan (41%)
-  Magenta (45%)
-  Yellow (0%)
-  Black (70%)



-  Cyan (82%)
-  Magenta (84%)
-  Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D2A4C 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 2D2A4C by changing the saturation by 10% instead.

■ 2D2A4C

■ 2D2A4C

FFFFFF

■ 171635

■ 5C577D

■ 000020

■ 757097

■ 000004

■ 8F89B2

■ 000000

■ AAA3CD

■ C6BEEA

■ E2DAFF

■ FFF7FF

■ 2D2A4C

■ 2D2A4C

■ 26224C

■ 34324C

■ 1F1B4C

■ 3B394C

■ 18134C

■ 42414C

■ 110C4C

■ 49484C

■ 0A044C

■ 50504C

■ 07004C

■ 57584C

■ 5E5F4C

■ 64674C

■ 6B6E4C

Harmonies

Analogous

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



043050



2D2A4C



422340

Triad

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



2D2A4C



452611



00362C

Complementary

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



2D2A4C



494C2A

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.



11351B



2D2A4C



382D09

Square

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



2D2A4C



4D211F



28320E



00363E

Rectangle

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



2D2A4C



4A2035



28320E



003627

Sweetspot

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



2D2A4C



585763



2A494C



2C2B33



B3B3B3



333333

Same Dimension

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



2D2A4C



322E63



3E2A4C



232226



090066



1400E6

Inverse Universe

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



4C2A49



632E5F



384C2A



262226



66005D



E600D1

Previews

White Background



This preview shows how the Hex color 2D2A4C looks on a white background.

Color Contrast Check

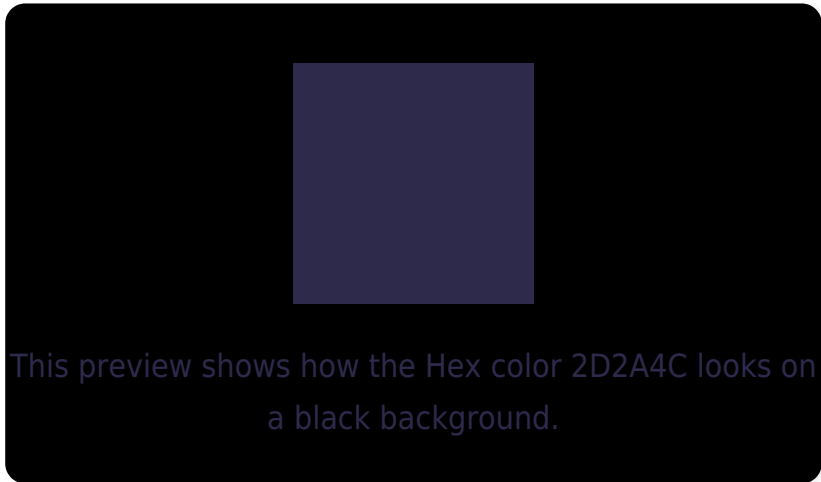
Large Text (above 18pt) WCAG AA ✓ Pass

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

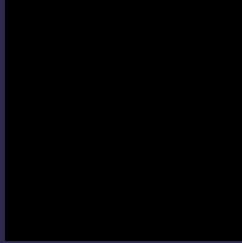
Any Text WCAG AA × Fail

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 2D2A4C Background



This preview shows how black text looks on a background with the Hex color 2D2A4C.



This preview shows how white text looks on a background with the Hex color 2D2A4C.

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
2D2A4C

Protanopia
202D4F

Deuteranopia
1D2E4B

Trichromacy



Original Color
2D2A4C

Protanomaly
252C4E

Deuteranomaly
232D4B

Tritanomaly
292E3C

Monochromacy



Original Color
2D2A4C

Achromatopsia
2F2F2F

Achromatomaly
2E2D3A

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D2A4C 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 #2D2A4C looks like.

```
.text, #text, p{  
    color:#2D2A4C  
}
```

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 #2D2A4C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D2A4C
}
```

Border

The CSS property to change the border of an element to Hex 2D2A4C 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
#2D2A4C }
```

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

```
.border{ border-color:#2D2A4C }
```

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

Here you see how a box with a 4 pixel #2D2A4C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D2A4C; -webkit-box-shadow:4px 4px  
4px 4px #2D2A4C; box-shadow:4px 4px 4px  
4px #2D2A4C }
```

Background

The CSS property to change the background color of an element to Hex 2D2A4C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D2A4C }
```

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

```
.background{ background-color:#2D2A4C }
```

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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