

Converting Colors

Hex(2D273A)

Have a look what the booklet for
Hex(2D273A) contains.

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Color

Hex(2D273A)

Conversions

Conversions Part 1

Format	Color
Hex	2D273A
RGB	45, 39, 58
RGB Percent	18%, 15%, 23%
CMY	0.8235, 0.8471, 0.7725
CMYK	0.22, 0.33, 0.00, 0.77
HSL	259°, 20%, 19%
HSV	259°, 33%, 23%
XYZ	2.5714, 2.3144, 4.3142
YIQ	42.9600, -2.5230, 7.1810

Conversions

Conversions Part 2

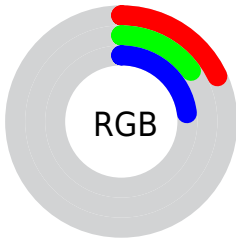
Format	Color
R _Y B	45, 39, 58
Decimal	2959162
CIE Lab	17.06, 7.61, -11.19
CIE LCh	17, 13.530, 304.228
Yxy	2.3144, 0.2795, 0.2516
Android (android.graphics.Color)	4281149242 (0xFF2D273A)
YUV	42.9600, 7.4147, 1.7891
Hunter-Lab	15.2132, 3.5481, -6.1643

Details

The Hex color **2D273A** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **343A27**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **5B5469**, and **00010E** is the 20% darker color. If you saturate the color by 10%, you get **29213A**, and if you desaturate by 10%, it is **312D3A**.

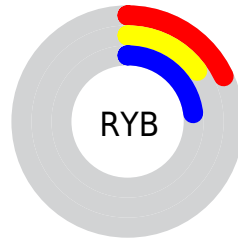
Distribution



Red (18%)

Green (15%)

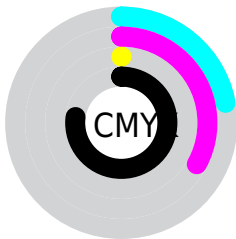
Blue (23%)



Red (18%)

Yellow (15%)

Blue (23%)

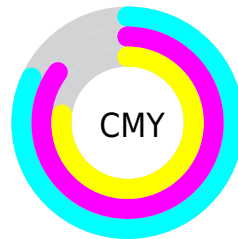


Cyan (22%)

Magenta (33%)

Yellow (0%)

Black (77%)



Cyan (82%)

Magenta (85%)

Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D273A 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 2D273A by changing the saturation by 10% instead.

■ 2D273A

■ 2D273A

FFFFFF

■ 181324

■ 5B5469

■ 00010E

■ 746C82

■ 000000

■ 8D859C

■ A8A0B7

■ C3BAD3

■ DFD6EF

■ FCF3FF

■ 2D273A

■ 2D273A

■ 29213A

■ 312D3A

■ 251B3A

■ 35333A

■ 21163A

■ 39383A

■ 1D103A

■ 3D3E3A

■ 190A3A

■ 41443A

■ 15043A

■ 454A3A

■ 12003A

■ 49503A

■ 4D553A

■ 515B3A

Harmonies

Analogous

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



1F2A3D



2D273A



372433

Triad

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



2D273A



372719



0D2F2B

Complementary

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



2D273A



343A27

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.



192E21



2D273A



2F2A17

Square

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



2D273A



3C2420



252D1A



062F35

Rectangle

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



2D273A



3B232C



252D1A



112F28

Sweetspot

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



2D273A



47454D



27343A



232226



A6A6A6



262626

Same Dimension

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



2D273A



382F4D



36273A



1A191C



1D005C



4500DB

Inverse Universe

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



3A2734



4D2F43



2B3A27



1C191B



5C003F



DB0096

Previews

White Background



This preview shows how the Hex color 2D273A looks on a white background.

Color Contrast Check

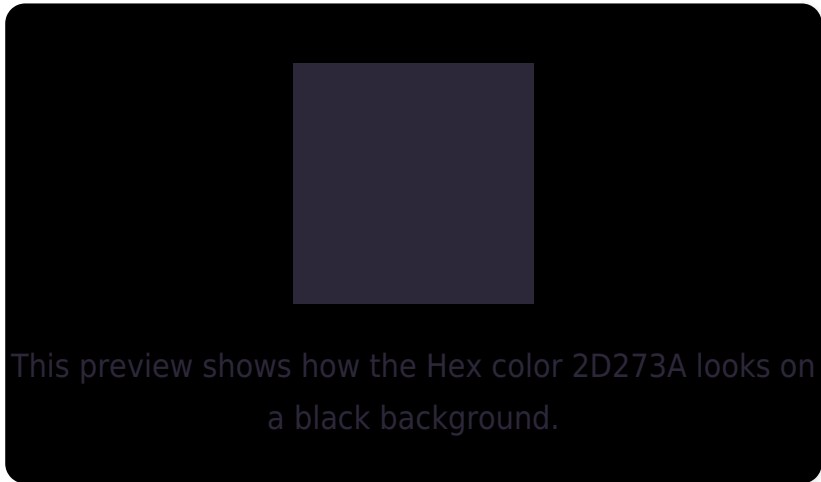
Large Text (above 18pt) WCAG AA ✓ Pass

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

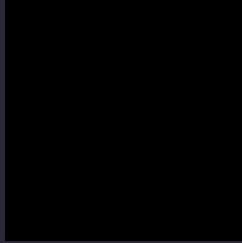
Any Text WCAG AA × Fail

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 2D273A Background



This preview shows how black text looks on a background with the Hex color 2D273A.



This preview shows how white text looks on a background with the Hex color 2D273A.

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

2D273A

Protanopia

24293C

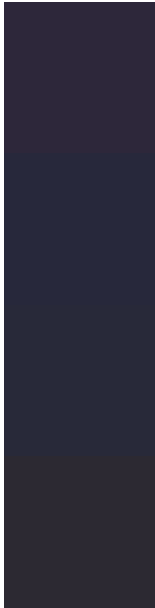
Deuteranopia

252A39



Tritanopia
2B2A2D

Trichromacy



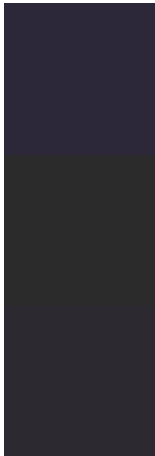
Original Color
2D273A

Protanomaly
27283B

Deuteranomaly
282939

Tritanomaly
2C2932

Monochromacy



Original Color
2D273A

Achromatopsia
2B2B2B

Achromatomaly
2C2A30

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D273A 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 #2D273A looks like.

```
.text, #text, p{  
    color:#2D273A  
}
```

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 #2D273A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D273A
}
```

Border

The CSS property to change the border of an element to Hex 2D273A is called "border". The border property can be set on classes, ids or directly on the HTML element.

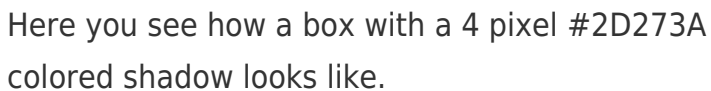
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2D273A }
```

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

```
.border{ border-color:#2D273A }
```

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



Here you see how a box with a 4 pixel #2D273A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D273A; -webkit-box-shadow:4px 4px  
4px 4px #2D273A; box-shadow:4px 4px 4px  
4px #2D273A }
```

Background

The CSS property to change the background color of an element to Hex 2D273A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D273A }
```

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

```
.background{ background-color:#2D273A }
```

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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