

Converting Colors

Hex(2B293A)

Have a look what the booklet for
Hex(2B293A) contains.

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Color

Hex(2B293A)

Conversions

Conversions Part 1

Format	Color
Hex	2B293A
RGB	43, 41, 58
RGB Percent	17%, 16%, 23%
CMY	0.8314, 0.8392, 0.7725
CMYK	0.26, 0.29, 0.00, 0.77
HSL	247°, 17%, 19%
HSV	247°, 29%, 23%
XYZ	2.5529, 2.4050, 4.3326
YIQ	43.5360, -4.2650, 5.7110

Conversions

Conversions Part 2

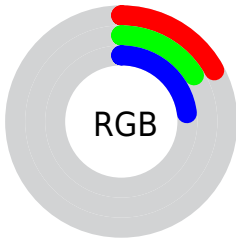
Format	Color
R_{YB}	43, 41, 58
Decimal	2828602
CIE Lab	17.48, 5.42, -10.55
CIE LCh	17, 11.859, 297.170
Yxy	2.4050, 0.2748, 0.2589
Android (android.graphics.Color)	4281018682 (0xFF2B293A)
YUV	43.5360, 7.1308, -0.4701
Hunter-Lab	15.5079, 2.2459, -5.7090

Details

The Hex color **2B293A** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **383A29**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **595669**, and **00010F** is the 20% darker color. If you saturate the color by 10%, you get **26233A**, and if you desaturate by 10%, it is **302F3A**.

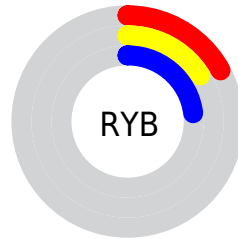
Distribution



Red (17%)

Green (16%)

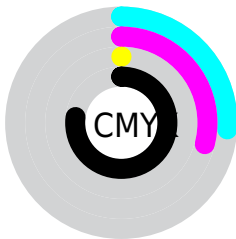
Blue (23%)



Red (17%)

Yellow (16%)

Blue (23%)

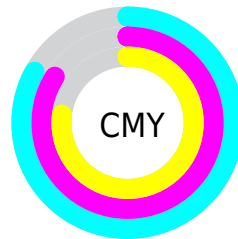


Cyan (26%)

Magenta (29%)

Yellow (0%)

Black (77%)



Cyan (83%)

Magenta (84%)

Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B293A 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 2B293A by changing the saturation by 10% instead.

■ 2B293A

■ 2B293A

FFFFFF

■ 161524

■ 595669

■ 00010F

■ 716E82

■ 000000

■ 8B889C

■ A5A2B7

■ C0BDD3

■ DCD9EF

■ F9F5FF

■ 2B293A

■ 2B293A

■ 26233A

■ 302F3A

■ 211D3A

■ 35353A

■ 1C183A

■ 3A3A3A

■ 17123A

■ 3F403A

■ 110C3A

■ 45463A

■ 0C063A

■ 4A4C3A

■ 07003A

■ 4F523A

■ 54573A

■ 595D3A

Harmonies

Analogous

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



1F2C3C



2B293A



352634

Triad

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



2B293A



38271D



15302A

Complementary

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



2B293A



383A29

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.



1F2F21



2B293A



322A1A

Square

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



2B293A



3C2524



292D1C



0F2F32

Rectangle

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



2B293A



39252F



292D1C



182F27

Sweetspot

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



2B293A



46464D



29383A



232226



A6A6A6



262626

Same Dimension

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



2B293A



35324D



33293A



1A191C



0B005C



1A00DB

Inverse Universe

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



3A2938



4D3249



303A29



1C191C



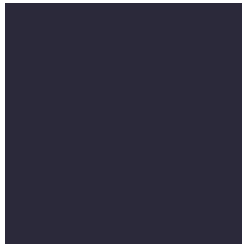
5C0051



DB00C2

Previews

White Background



This preview shows how the Hex color 2B293A looks on a white background.

Color Contrast Check

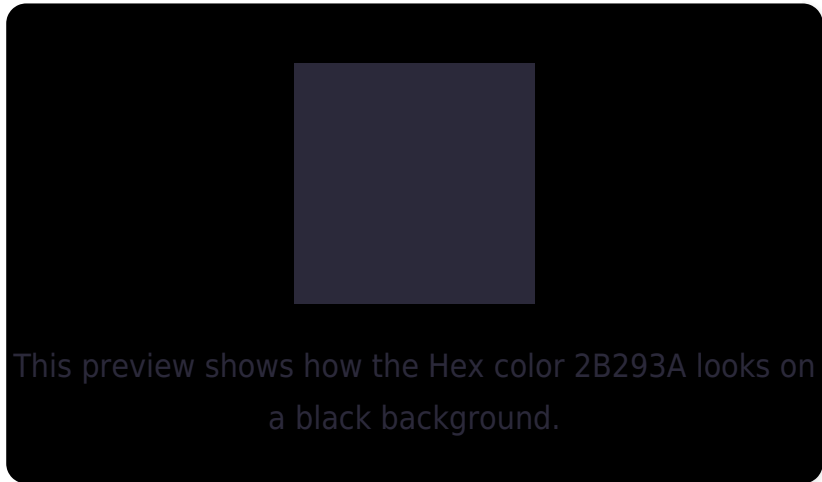
Large Text (above 18pt) WCAG AA ✓ Pass

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

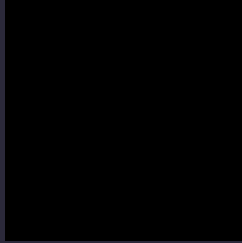
Any Text WCAG AA × Fail

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 2B293A Background



This preview shows how black text looks on a background with the Hex color 2B293A.



This preview shows how white text looks on a background with the Hex color 2B293A.

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](#).

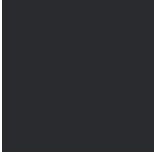
Dichromacy



Original Color
2B293A

Protanopia
262A3B

Deuteranopia
272A3A



Tritanopia
292B2F

Trichromacy



Original Color

2B293A

Protanomaly

282A3B

Deuteranomaly

282A3A

Tritanomaly

2A2A33

Monochromacy



Original Color

2B293A

Achromatopsia

2C2C2C

Achromatomaly

2C2B31

CSS Examples

Text

The CSS property to change the color of the text to Hex 2B293A 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 #2B293A looks like.

```
.text, #text, p{  
    color:#2B293A  
}
```

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 #2B293A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B293A
}
```

Border

The CSS property to change the border of an element to Hex 2B293A is called "border". The border property can be set on classes, ids or directly on the HTML element.

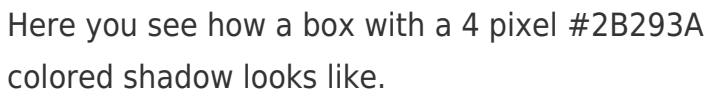
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2B293A }
```

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

```
.border{ border-color:#2B293A }
```

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



Here you see how a box with a 4 pixel #2B293A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B293A; -webkit-box-shadow:4px 4px  
4px 4px #2B293A; box-shadow:4px 4px 4px  
4px #2B293A }
```

Background

The CSS property to change the background color of an element to Hex 2B293A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B293A }
```

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

```
.background{ background-color:#2B293A }
```

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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