

Converting Colors

Hex(2D323D)

Have a look what the booklet for
Hex(2D323D) contains.

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Color

Hex(2D323D)

Conversions

Conversions Part 1

Format	Color
Hex	2D323D
RGB	45, 50, 61
RGB Percent	18%, 20%, 24%
CMY	0.8235, 0.8039, 0.7608
CMYK	0.26, 0.18, 0.00, 0.76
HSL	221°, 15%, 21%
HSV	221°, 26%, 24%
XYZ	3.0651, 3.1760, 4.8664
YIQ	49.7590, -6.5110, 2.3610

Conversions

Conversions Part 2

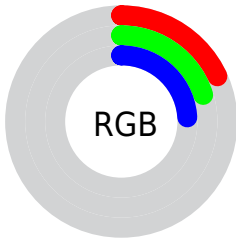
Format	Color
RYB	45, 49, 61
Decimal	2961981
CIELab	20.74, 0.81, -7.64
CIElCh	21, 7.681, 276.030
Yxy	3.1760, 0.2759, 0.2859
Android (android.graphics.Color)	4281152061 (0xFF2D323D)
YUV	49.7590, 5.5418, -4.1736
Hunter-Lab	17.8214, -0.4872, -3.7150

Details

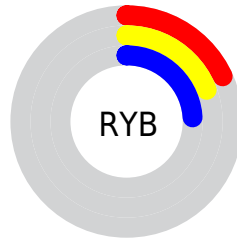
The Hex color **2D323D** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3D382D**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **5B606C**, and **000313** is the 20% darker color. If you saturate the color by 10%, you get **272E3D**, and if you desaturate by 10%, it is **33363D**.

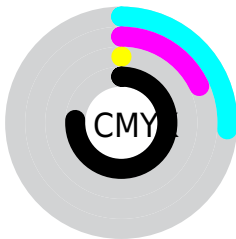
Distribution



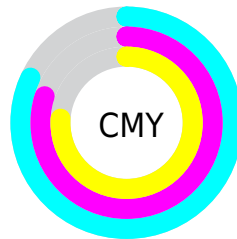
- Red (18%)
- Green (20%)
- Blue (24%)



- Red (18%)
- Yellow (19%)
- Blue (24%)



- Cyan (26%)
- Magenta (18%)
- Yellow (0%)
- Black (76%)



- Cyan (82%)
- Magenta (80%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D323D 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 2D323D by changing the saturation by 10% instead.

■ 2D323D

■ 2D323D

FFFFFF

■ 181D27

■ 5B606C

■ 000313

■ 747986

■ 000000

■ 8D93A0

■ A8ADBB

■ C3C8D7

■ DFE5F3

■ FBFFFF

■ 2D323D

■ 2D323D

■ 272E3D

■ 33363D

■ 212A3D

■ 393A3D

■ 1B253D

■ 3F3F3D

■ 15213D

■ 45433D

■ 0F1D3D

■ 4C473D

■ 08193D

■ 524B3D

■ 02153D

■ 584F3D

■ 00133D

■ 5E543D

■ 64583D

Harmonies

Analogous

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



26343C



2D323D



34303B

Triad

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



2D323D



3D2F2C



29352D

Complementary

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



2D323D



3D382D

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.



2F3429



2D323D



3A3028

Square

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



2D323D



3D2E31



353227



243533

Rectangle

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



2D323D



392F38



353227



2B342B

Sweetspot

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



2D323D



494B4F



2D3D38



252629



A8A8A8



292929

Same Dimension

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



2D323D



373E4F



302D3D



1C1C1F



001D5E



0045DE

Inverse Universe

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



3D2D32



4F373E



3A3D2D



1F1C1C



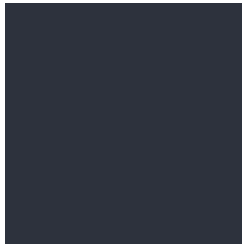
5E001D



DE0045

Previews

White Background



This preview shows how the Hex color 2D323D looks on a white background.

Color Contrast Check

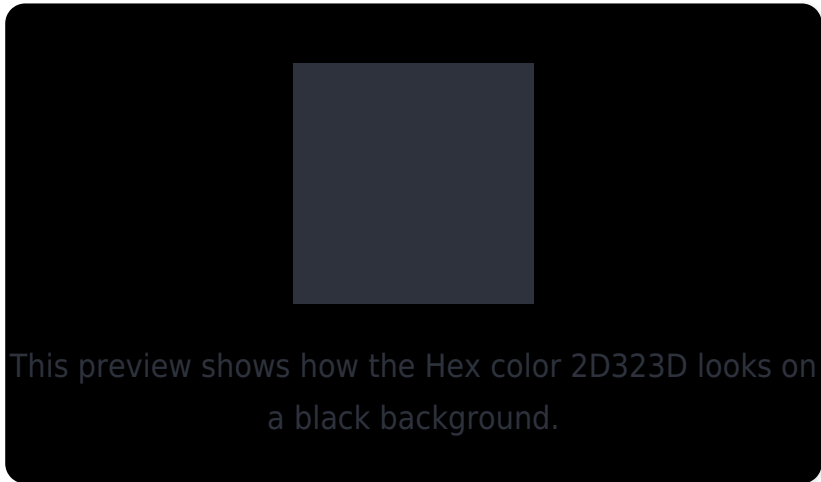
Large Text (above 18pt) WCAG AA ✓ Pass

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

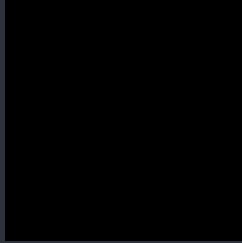
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

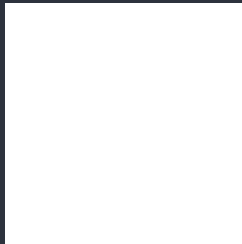
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 2D323D Background



This preview shows how black text looks on a background with the Hex color 2D323D.

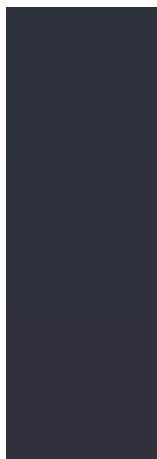


This preview shows how white text looks on a background with the Hex color 2D323D.

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

2D323D

Protanopia

2F313D

Deuteranopia

31313D



Tritanopia
2C3337

Trichromacy



Original Color
2D323D

Protanomaly
2E313D

Deuteranomaly
30313D

Tritanomaly
2C3339

Monochromacy



Original Color
2D323D

Achromatopsia
323232

Achromatomaly
303236

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D323D 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 #2D323D looks like.

```
.text, #text, p{  
    color:#2D323D  
}
```

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 #2D323D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D323D
}
```

Border

The CSS property to change the border of an element to Hex 2D323D is called "border". The border property can be set on classes, ids or directly on the HTML element.

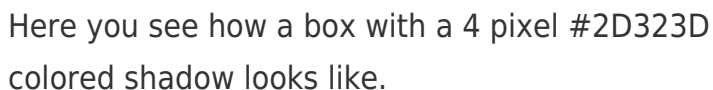
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2D323D }
```

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

```
.border{ border-color:#2D323D }
```

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



Here you see how a box with a 4 pixel #2D323D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D323D; -webkit-box-shadow:4px 4px  
4px 4px #2D323D; box-shadow:4px 4px 4px  
4px #2D323D }
```

Background

The CSS property to change the background color of an element to Hex 2D323D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D323D }
```

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

```
.background{ background-color:#2D323D }
```

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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