

Converting Colors

Hex(2D3B3B)

Have a look what the booklet for
Hex(2D3B3B) contains.

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Color

Hex(2D3B3B)

Conversions

Conversions Part 1

Format	Color
Hex	2D3B3B
RGB	45, 59, 59
RGB Percent	18%, 23%, 23%
CMY	0.8235, 0.7686, 0.7686
CMYK	0.24, 0.00, 0.00, 0.77
HSL	180°, 13%, 20%
HSV	180°, 24%, 23%
XYZ	3.4356, 4.0016, 4.7290
YIQ	54.8140, -8.3440, -2.9680

Conversions

Conversions Part 2

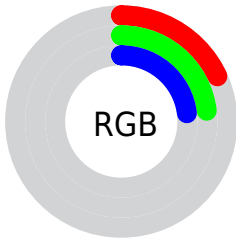
Format	Color
RYB	45, 52, 59
Decimal	2964283
CIELab	23.68, -5.70, -1.89
CIElCh	24, 6.007, 198.375
Yxy	4.0016, 0.2824, 0.3289
Android (android.graphics.Color)	4281154363 (0xFF2D3B3B)
YUV	54.8140, 2.0637, -8.6069
Hunter-Lab	20.0040, -4.3505, -0.0135

Details

The Hex color **2D3B3B** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3B2D2D**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **5B6A6A**, and **001111** is the 20% darker color. If you saturate the color by 10%, you get **273B3B**, and if you desaturate by 10%, it is **333B3B**.

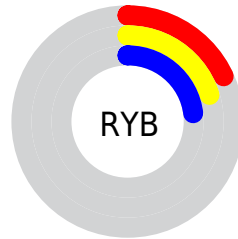
Distribution



Red (18%)

Green (23%)

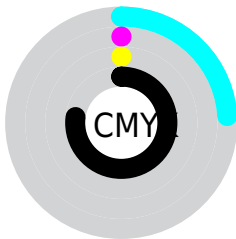
Blue (23%)



Red (18%)

Yellow (20%)

Blue (23%)

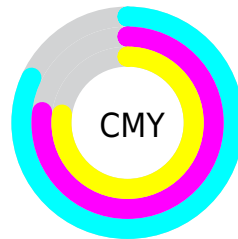


Cyan (24%)

Magenta (0%)

Yellow (0%)

Black (77%)



Cyan (82%)

Magenta (77%)

Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D3B3B 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 2D3B3B by changing the saturation by 10% instead.

■ 2D3B3B

■ 2D3B3B

FFFFFF

■ 182525

■ 5B6A6A

■ 001111

■ 748383

■ 000000

■ 8D9D9D

■ A8B8B8

■ C3D4D4

■ DFF0F0

■ FCFFFF

■ 2D3B3B

■ 2D3B3B

■ 273B3B

■ 333B3B

■ 213B3B

■ 393B3B

■ 1B3B3B

■ 3F3B3B

■ 153B3B

■ 453B3B

■ 0F3B3B

■ 4A3B3B

■ 0A3B3B

■ 503B3B

■ 043B3B

■ 563B3B

■ 003B3B

■ 5C3B3B

■ 623B3B

Harmonies

Analogous

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



2F3B36



2D3B3B



2E3A3F

Triad

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



2D3B3B



3D363E



3E3730

Complementary

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



2D3B3B



3B2D2D

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.



413632



2D3B3B



40353A

Square

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



2D3B3B



373841



423536



393930

Rectangle

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



2D3B3B



303A41



423536



3F3730

Sweetspot

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



2D3B3B



474D4D



2D3B2D



232626



A6A6A6



262626

Same Dimension

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



2D3B3B



374D4D



2D343B



1C1F1F



005E5E



00DEDE

Inverse Universe

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



3B2D3B



4D374D



3B342D



1F1C1F



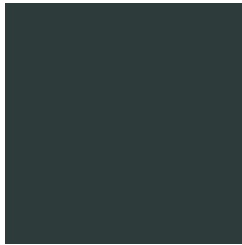
5E005E



DE00DE

Previews

White Background



This preview shows how the Hex color 2D3B3B looks on a white background.

Color Contrast Check

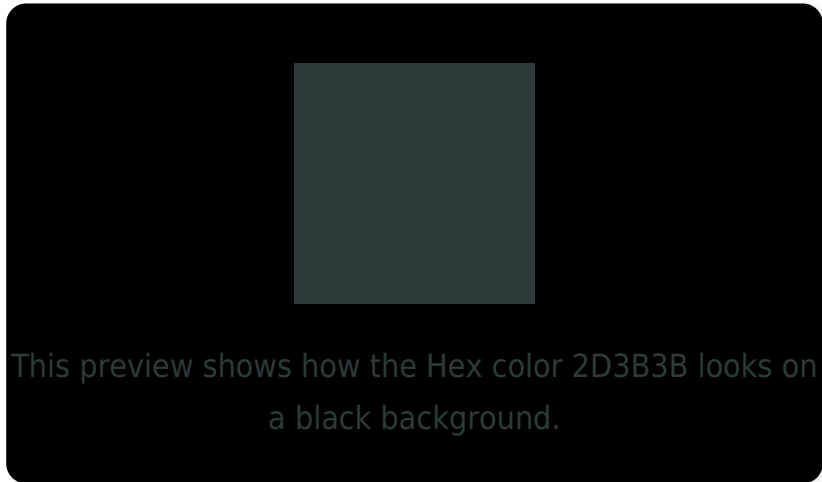
Large Text (above 18pt) WCAG AA ✓ Pass

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

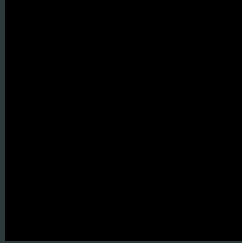
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

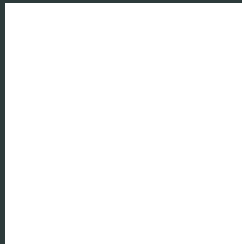
Any Text WCAG AAA × Fail

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

Hex 2D3B3B Background



This preview shows how black text looks on a background with the Hex color 2D3B3B.

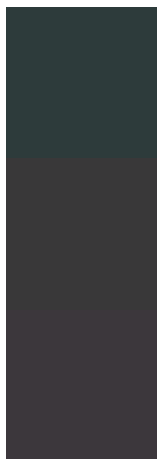


This preview shows how white text looks on a background with the Hex color 2D3B3B.

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
2D3B3B

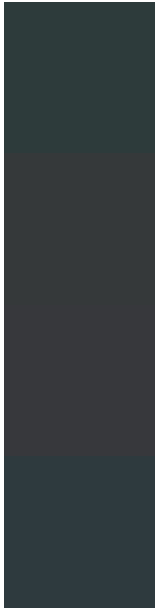
Protanopia
393839

Deuteranopia
3C373C



Tritanopia
2E3A3F

Trichromacy



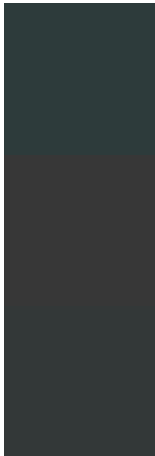
Original Color
2D3B3B

Protanomaly
35393A

Deuteranomaly
37383C

Tritanomaly
2E3A3E

Monochromacy



Original Color
2D3B3B

Achromatopsia
373737

Achromatomaly
333838

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D3B3B 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 #2D3B3B looks like.

```
.text, #text, p{  
    color:#2D3B3B  
}
```

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 #2D3B3B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D3B3B
}
```

Border

The CSS property to change the border of an element to Hex 2D3B3B is called "border". The border property can be set on classes, ids or directly on the HTML element.

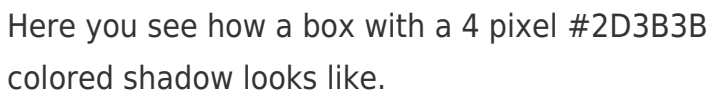
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2D3B3B }
```

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

```
.border{ border-color:#2D3B3B }
```

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



Here you see how a box with a 4 pixel #2D3B3B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D3B3B; -webkit-box-shadow:4px 4px  
4px 4px #2D3B3B; box-shadow:4px 4px 4px  
4px #2D3B3B }
```

Background

The CSS property to change the background color of an element to Hex 2D3B3B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D3B3B }
```

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

```
.background{ background-color:#2D3B3B }
```

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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