

Converting Colors

Hex(2D3A38)

Have a look what the booklet for
Hex(2D3A38) contains.

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Color

Hex(2D3A38)

Conversions

Conversions Part 1

Format	Color
Hex	2D3A38
RGB	45, 58, 56
RGB Percent	18%, 23%, 22%
CMY	0.8235, 0.7725, 0.7804
CMYK	0.22, 0.00, 0.03, 0.77
HSL	171°, 13%, 20%
HSV	171°, 22%, 23%
XYZ	3.3091, 3.8695, 4.3139
YIQ	53.8850, -7.1060, -3.3780

Conversions

Conversions Part 2

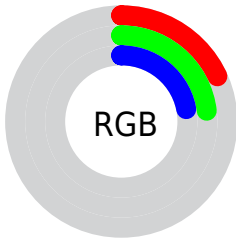
Format	Color
RYB	45, 52, 58
Decimal	2964024
CIELab	23.24, -5.85, -0.53
CIELCh	23, 5.878, 185.215
Yxy	3.8695, 0.2879, 0.3367
Android (android.graphics.Color)	4281154104 (0xFF2D3A38)
YUV	53.8850, 1.0427, -7.7921
Hunter-Lab	19.6711, -4.3973, 0.7675

Details

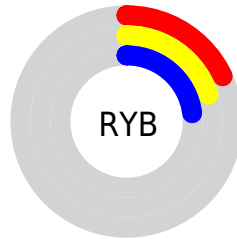
The Hex color **2D3A38** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3A2D2F**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **5B6967**, and **00100D** is the 20% darker color. If you saturate the color by 10%, you get **273A37**, and if you desaturate by 10%, it is **333A39**.

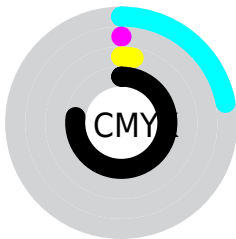
Distribution



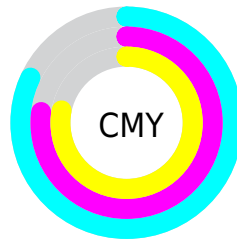
- Red (18%)
- Green (23%)
- Blue (22%)



- Red (18%)
- Yellow (20%)
- Blue (23%)



- Cyan (22%)
- Magenta (0%)
- Yellow (3%)
- Black (77%)



- Cyan (82%)
- Magenta (77%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D3A38 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 2D3A38 by changing the saturation by 10% instead.

■ 2D3A38

■ 2D3A38

FFFFFF

■ 182423

■ 5B6967

■ 00100D

■ 748280

■ 000000

■ 8D9C9A

■ A8B7B5

■ C3D3D0

■ DFEFEC

■ FBFFFF

■ 2D3A38

■ 2D3A38

■ 273A37

■ 333A39

■ 213A36

■ 393A3A

■ 1C3A35

■ 3E3A3B

■ 163A34

■ 443A3C

■ 103A34

■ 4A3A3C

■ 0A3A33

■ 503A3D

■ 043A32

■ 563A3E

■ 003A31

■ 5B3A3F

■ 613A40

Harmonies

Analogous

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



303A34



2D3A38



2C3A3C

Triad

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



2D3A38



39363F



3E3630

Complementary

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



2D3A38



3A2D2F

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.



413533



2D3A38



3E353B

Square

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



2D3A38



343740



403437



3A372F

Rectangle

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



2D3A38



2E393E



403437



3F3530

Sweetspot

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



2D3A38



474D4C



2F3A2D



232626



A6A6A6



262626

Same Dimension

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



2D3A38



384D49



2D363A



191C1C



005C4E



00DBBA

Inverse Universe

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



3A2D2F



4D383B



3A312D



1C191A



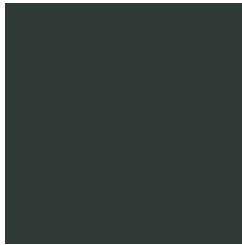
5C000E



DB0022

Previews

White Background



This preview shows how the Hex color 2D3A38 looks on a white background.

Color Contrast Check

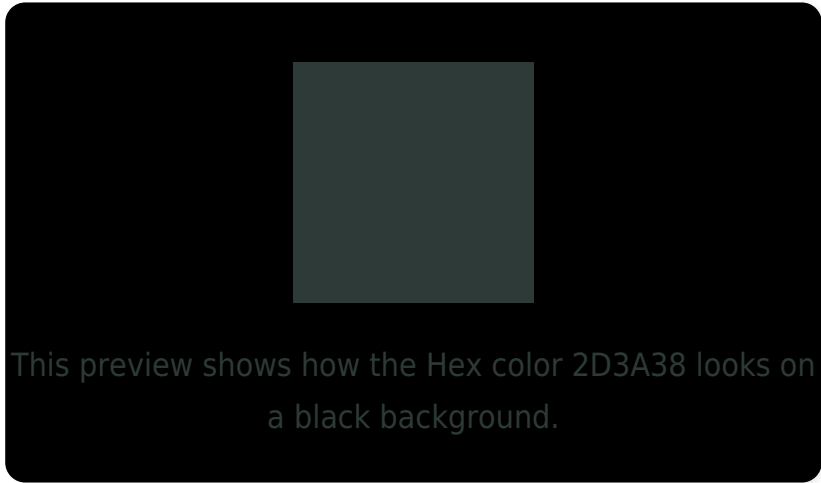
Large Text (above 18pt) WCAG AA ✓ Pass

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

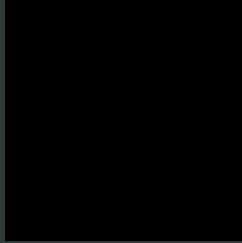
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

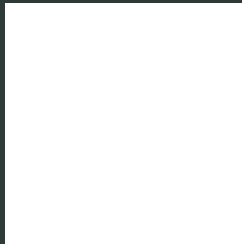
Any Text WCAG AAA × Fail

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

Hex 2D3A38 Background



This preview shows how black text looks on a background with the Hex color 2D3A38.

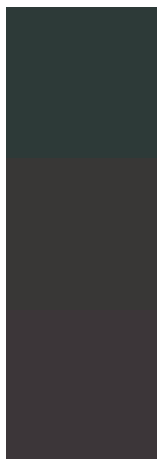


This preview shows how white text looks on a background with the Hex color 2D3A38.

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
2D3A38

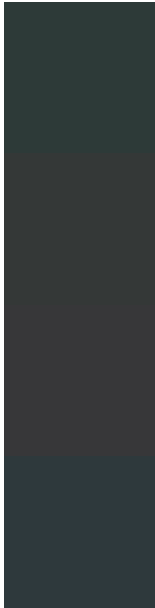
Protanopia
383736

Deuteranopia
3C3639



Tritanopia
2E393E

Trichromacy



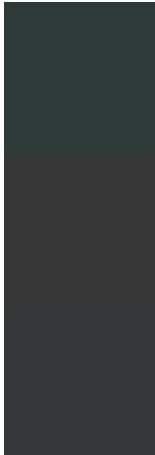
Original Color
2D3A38

Protanomaly
343837

Deuteranomaly
373739

Tritanomaly
2E393C

Monochromacy



Original Color
2D3A38

Achromatopsia
363636

Achromatomaly
333737

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D3A38 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 #2D3A38 looks like.

```
.text, #text, p{  
    color:#2D3A38  
}
```

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 #2D3A38 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D3A38  
}
```

Border

The CSS property to change the border of an element to Hex 2D3A38 is called "border". The border property can be set on classes, ids or directly on the HTML element.

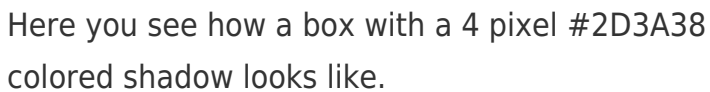
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#2D3A38 }
```

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

```
.border{ border-color:#2D3A38 }
```

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



Here you see how a box with a 4 pixel #2D3A38 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D3A38; -webkit-box-shadow:4px 4px  
4px 4px #2D3A38; box-shadow:4px 4px 4px  
4px #2D3A38 }
```

Background

The CSS property to change the background color of an element to Hex 2D3A38 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D3A38 }
```

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

```
.background{ background-color:#2D3A38 }
```

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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