

# Converting Colors

Hex(2D383A)

Have a look what the booklet for  
Hex(2D383A) contains.

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# Color

**Hex(2D383A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2D383A
RGB	45, 56, 58
RGB Percent	18%, 22%, 23%
CMY	0.8235, 0.7804, 0.7725
CMYK	0.22, 0.03, 0.00, 0.77
HSL	189°, 13%, 20%
HSV	189°, 22%, 23%
XYZ	3.2601, 3.6917, 4.5437
YIQ	52.9390, -7.1980, -1.7100

# Conversions

## Conversions Part 2

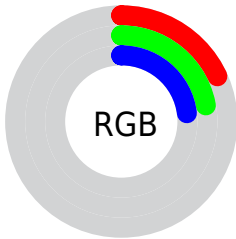
Format	Color
<b>R<sub>YB</sub></b>	45, 51, 58
Decimal	2963514
CIE Lab	22.62, -4.03, -2.78
CIE LCh	23, 4.895, 214.557
Yxy	3.6917, 0.2836, 0.3211
Android (android.graphics.Color)	4281153594 (0xFF2D383A)
YUV	52.9390, 2.4951, -6.9625
Hunter-Lab	19.2139, -3.3375, -0.5713

# Details

The Hex color **2D383A** is a dark color, and the websafe version is hex **333333**, and the color name is [outer space \(crayola\)](#). A complement of this color would be **3A2F2D**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **5B6769**, and **000D0F** is the 20% darker color. If you saturate the color by 10%, you get **27373A**, and if you desaturate by 10%, it is **33393A**.

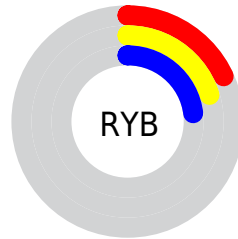
# Distribution



 Red (18%)

 Green (22%)

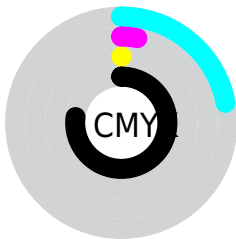
 Blue (23%)



 Red (18%)

 Yellow (20%)

 Blue (23%)

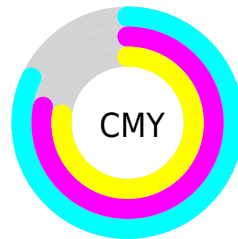


 Cyan (22%)

 Magenta (3%)

 Yellow (0%)

 Black (77%)



 Cyan (82%)

 Magenta (78%)

 Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2D383A 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 2D383A by changing the saturation by 10% instead.



■ 2D383A

■ 2D383A

FFFFFF

■ 182324

■ 5B6769

■ 000D0F

■ 748082

■ 000000

■ 8D9A9C

■ A8B5B7

■ C3D0D3

■ DFECEF

■ FBFFFF

■ 2D383A

■ 2D383A

■ 27373A

■ 33393A

■ 21363A

■ 393A3A

■ 1C353A

■ 3E3B3A

■ 16343A

■ 443C3A

■ 10343A

■ 4A3C3A

■ 0A333A

■ 503D3A

■ 04323A

■ 563E3A

■ 00313A

■ 5B3F3A

■ 61403A

# Harmonies

## Analogous

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



2E3836



2D383A



2F373C

# Triad

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



2D383A



3B3439



38362F

# Complementary

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



2D383A



3A2F2D

# 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.



3C3530



2D383A



3E3436

# Square

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



2D383A



37353C



3E3432



343730

# Rectangle

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



2D383A



31373D



3E3432



3A362F



# Sweetspot

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



2D383A



474C4D



2D3A2F



232626



A6A6A6



262626



# Same Dimension

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



2D383A



38494D



2D323A



191C1C



004E5C



00BADB



# Inverse Universe

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



3A2D38



4D3849



3A352D



1C191C



5C004E

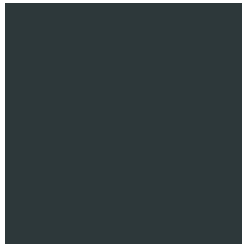


DB00BA



# Previews

## White Background



This preview shows how the Hex color 2D383A looks on a white background.

## Color Contrast Check

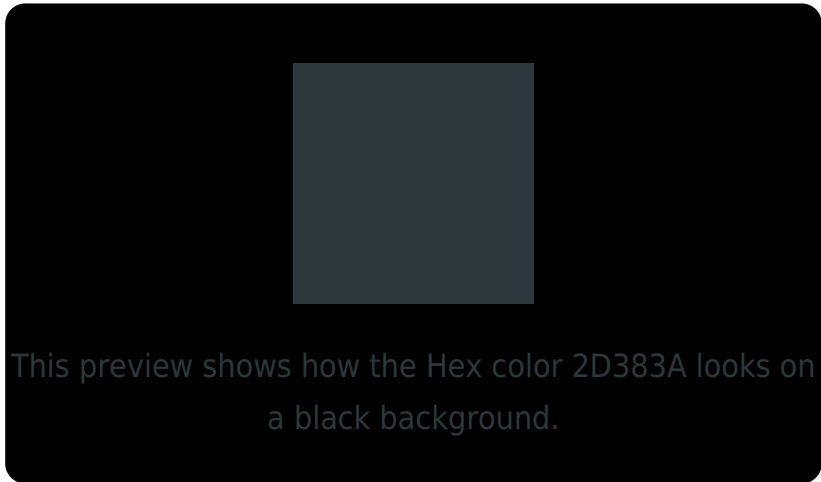
Large Text (above 18pt) WCAG AA ✓ Pass

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

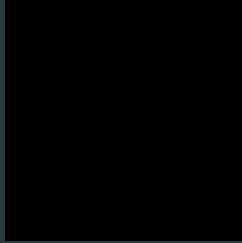
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

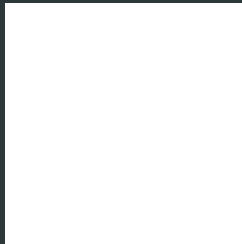
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 2D383A Background



This preview shows how black text looks on a background with the Hex color 2D383A.

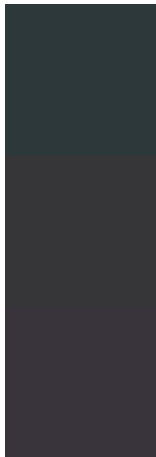


This preview shows how white text looks on a background with the Hex color 2D383A.

# 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



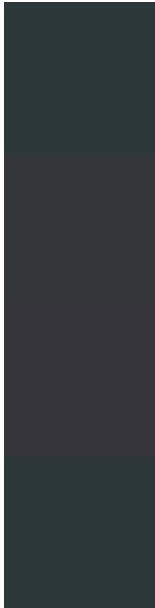
**Original Color**  
2D383A

**Protanopia**  
363639

**Deuteranopia**  
39343B



# Trichromacy



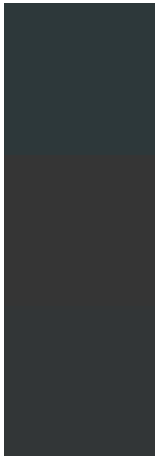
**Original Color**  
2D383A

**Protanomaly**  
333739

**Deuteranomaly**  
35353B

**Tritanomaly**  
2D383B

# Monochromacy



**Original Color**  
2D383A

**Achromatopsia**  
353535

**Achromatomaly**  
323637

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2D383A 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 #2D383A looks like.

```
.text, #text, p{  
    color:#2D383A  
}
```

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 #2D383A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D383A
}
```

## Border

The CSS property to change the border of an element to Hex 2D383A is called "border". The border property can be set on classes, ids or directly on the HTML element.

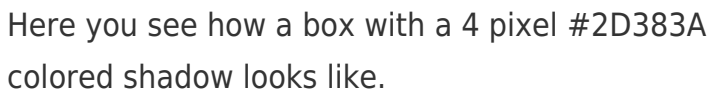
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2D383A }
```

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

```
.border{ border-color:#2D383A }
```

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



Here you see how a box with a 4 pixel #2D383A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D383A; -webkit-box-shadow:4px 4px  
4px 4px #2D383A; box-shadow:4px 4px 4px  
4px #2D383A }
```

# Background

The CSS property to change the background color of an element to Hex 2D383A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D383A }
```

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

```
.background{ background-color:#2D383A }
```

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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