

Converting Colors

Hex(2D373C)

Have a look what the booklet for
Hex(2D373C) contains.

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Color

Hex(2D373C)

Conversions

Conversions Part 1

Format	Color
Hex	2D373C
RGB	45, 55, 60
RGB Percent	18%, 22%, 24%
CMY	0.8235, 0.7843, 0.7647
CMYK	0.25, 0.08, 0.00, 0.76
HSL	200°, 14%, 21%
HSV	200°, 25%, 24%
XYZ	3.2640, 3.6165, 4.8010
YIQ	52.5800, -7.5650, -0.5650

Conversions

Conversions Part 2

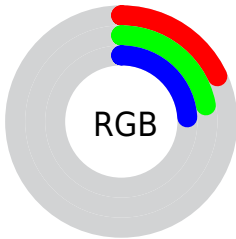
Format	Color
R_{YB}	45, 51, 60
Decimal	2963260
CIE _{Lab}	22.36, -2.83, -4.52
CIE _{LCh}	22, 5.330, 237.949
Yxy	3.6165, 0.2794, 0.3096
Android (android.graphics.Color)	4281153340 (0xFF2D373C)
YUV	52.5800, 3.6581, -6.6477
Hunter-Lab	19.0171, -2.6433, -1.6561

Details

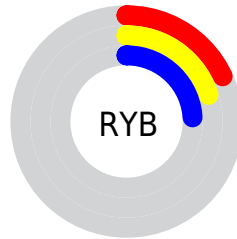
The Hex color **2D373C** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3C322D**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **5B666B**, and **000B12** is the 20% darker color. If you saturate the color by 10%, you get **27353C**, and if you desaturate by 10%, it is **33393C**.

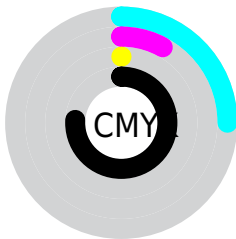
Distribution



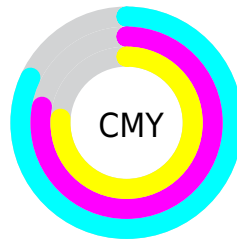
- Red (18%)
- Green (22%)
- Blue (24%)



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



- Cyan (25%)
- Magenta (8%)
- Yellow (0%)
- Black (76%)



- Cyan (82%)
- Magenta (78%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D373C 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 2D373C by changing the saturation by 10% instead.

■ 2D373C

■ 2D373C

FFFFFF

■ 182226

■ 5B666B

■ 000B12

■ 747F84

■ 000000

■ 8D999F

■ A8B3B9

■ C3CFD5

■ DFEBF2

■ FBFFFF

■ 2D373C

■ 2D373C

■ 27353C

■ 33393C

■ 21333C

■ 393B3C

■ 1B313C

■ 3F3D3C

■ 152F3C

■ 453F3C

■ 0F2D3C

■ 4B413C

■ 092B3C

■ 51433C

■ 03293C

■ 57453C

■ 00283C

■ 5D473C

■ 63493C

Harmonies

Analogous

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



2B3839



2D373C



31363D

Triad

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



2D373C



3D3336



35362E

Complementary

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



2D373C



3C322D

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.



39352E



2D373C



3E3332

Square

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



2D373C



3A333A



3C342F



303731

Rectangle

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



2D373C



34353D



3C342F



36362E

Sweetspot

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



2D373C



494D4F



2D3C32



252729



A8A8A8



292929

Same Dimension

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



2D373C



37474F



2D303C



1C1E1F



003F5E



0094DE

Inverse Universe

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



3C2D37



4F3747



3C392D



1F1C1E



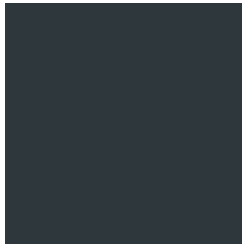
5E003F



DE0094

Previews

White Background



This preview shows how the Hex color 2D373C looks on a white background.

Color Contrast Check

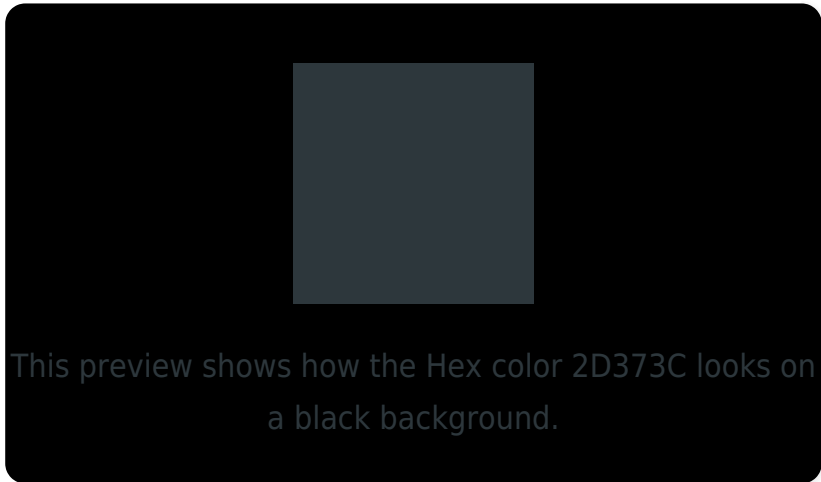
Large Text (above 18pt) WCAG AA ✓ Pass

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

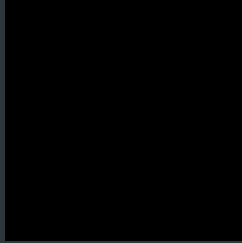
Any Text WCAG AA × Fail

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 2D373C Background



This preview shows how black text looks on a background with the Hex color 2D373C.

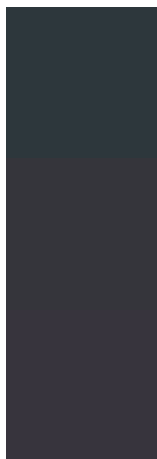


This preview shows how white text looks on a background with the Hex color 2D373C.

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](#).

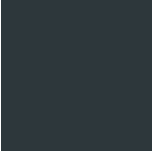
Dichromacy



Original Color
2D373C

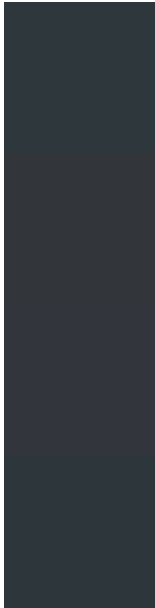
Protanopia
35353B

Deuteranopia
37343D



Tritanopia
2D373B

Trichromacy



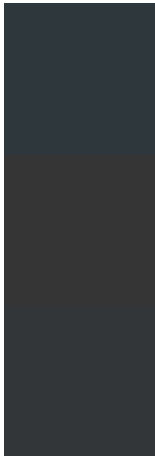
Original Color
2D373C

Protanomaly
32363B

Deuteranomaly
33353D

Tritanomaly
2D373B

Monochromacy



Original Color
2D373C

Achromatopsia
353535

Achromatomaly
323638

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D373C 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 #2D373C looks like.

```
.text, #text, p{  
    color:#2D373C  
}
```

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 #2D373C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D373C
}
```

Border

The CSS property to change the border of an element to Hex 2D373C is called "border". The border property can be set on classes, ids or directly on the HTML element.

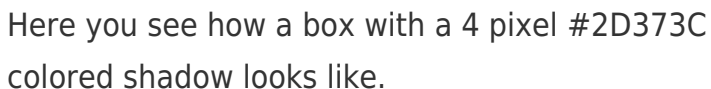
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2D373C }
```

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

```
.border{ border-color:#2D373C }
```

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



Here you see how a box with a 4 pixel #2D373C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D373C; -webkit-box-shadow:4px 4px  
4px 4px #2D373C; box-shadow:4px 4px 4px  
4px #2D373C }
```

Background

The CSS property to change the background color of an element to Hex 2D373C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D373C }
```

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

```
.background{ background-color:#2D373C }
```

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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