

Converting Colors

Hex(28373D)

Have a look what the booklet for
Hex(28373D) contains.

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Color

Hex(28373D)

Conversions

Conversions Part 1

Format	Color
Hex	28373D
RGB	40, 55, 61
RGB Percent	16%, 22%, 24%
CMY	0.8431, 0.7843, 0.7608
CMYK	0.34, 0.10, 0.00, 0.76
HSL	197°, 21%, 20%
HSV	197°, 34%, 24%
XYZ	3.0836, 3.5204, 4.9319
YIQ	51.1990, -10.8660, -1.3140

Conversions

Conversions Part 2

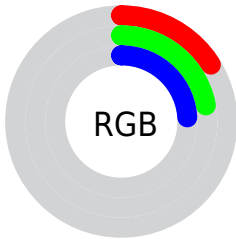
Format	Color
R_{YB}	40, 49, 61
Decimal	2635581
CIE Lab	22.02, -4.40, -5.74
CIE LCh	22, 7.238, 232.537
Yxy	3.5204, 0.2673, 0.3052
Android (android.graphics.Color)	4280825661 (0xFF28373D)
YUV	51.1990, 4.8319, -9.8215
Hunter-Lab	18.7628, -3.4993, -2.4507

Details

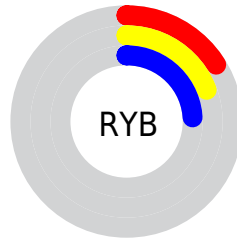
The Hex color **28373D** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3D2E28**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **56666C**, and **000B13** is the 20% darker color. If you saturate the color by 10%, you get **22353D**, and if you desaturate by 10%, it is **2E393D**.

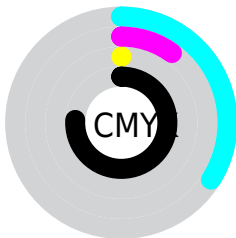
Distribution



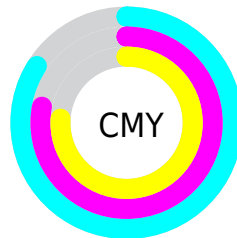
- Red (16%)
- Green (22%)
- Blue (24%)



- Red (16%)
- Yellow (19%)
- Blue (24%)



- Cyan (34%)
- Magenta (10%)
- Yellow (0%)
- Black (76%)



- Cyan (84%)
- Magenta (78%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 28373D 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 28373D by changing the saturation by 10% instead.

■ 28373D

■ 28373D

FFFFFF

■ 132227

■ 56666C

■ 000B13

■ 6E7F86

■ 000000

■ 8899A0

■ A2B3BB

■ BDCFD6

■ D9EBF3

■ F6FFFF

■ 28373D

■ 28373D

■ 22353D

■ 2E393D

■ 1C343D

■ 343A3D

■ 16323D

■ 3A3C3D

■ 10303D

■ 403E3D

■ 092E3D

■ 46403D

■ 032D3D

■ 4D413D

■ 002C3D

■ 53433D

■ 59453D

■ 5F473D

Harmonies

Analogous

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



273839



28373D



2D363F

Triad

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



28373D



3F3136



35362B

Complementary

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



28373D



3D2E28

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.



3A342A



28373D



403131

Square

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



28373D



3A323B



3E322C



2E372E

Rectangle

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



28373D



32343F



3E322C



37352A

Sweetspot

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



28373D



474D4F



283D2E



242729



A8A8A8



292929

Same Dimension

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



28373D



2F464F



282D3D



1C1E1F



00435E



009EDE

Inverse Universe

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



3D2837



4F2F46



3D3828



1F1C1E



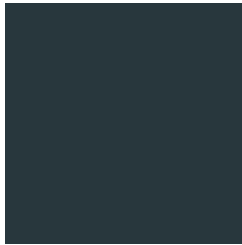
5E0043



DE009E

Previews

White Background



This preview shows how the Hex color 28373D looks on a white background.

Color Contrast Check

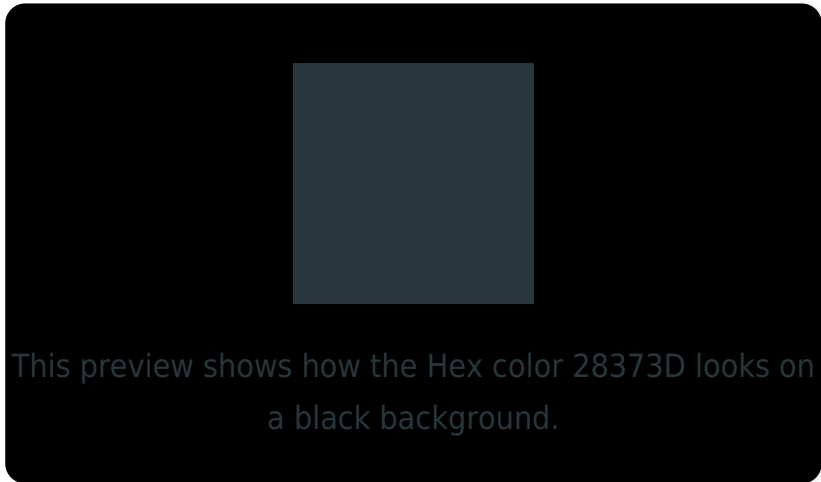
Large Text (above 18pt) WCAG AA ✓ Pass

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

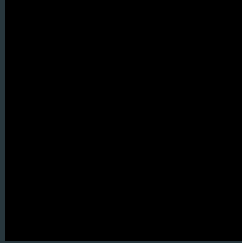
Any Text WCAG AA × Fail

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 28373D Background



This preview shows how black text looks on a background with the Hex color 28373D.



This preview shows how white text looks on a background with the Hex color 28373D.

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
28373D

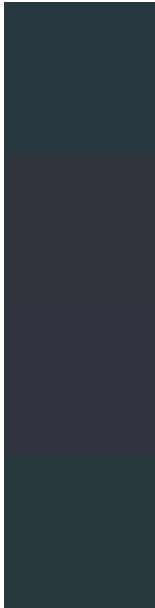
Protanopia
34343B

Deuteranopia
35333E



Tritanopia
28373C

Trichromacy



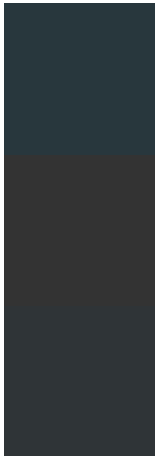
Original Color
28373D

Protanomaly
30353C

Deuteranomaly
30343E

Tritanomaly
28373C

Monochromacy



Original Color
28373D

Achromatopsia
333333

Achromatomaly
2F3437

CSS Examples

Text

The CSS property to change the color of the text to Hex 28373D 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 #28373D looks like.

```
.text, #text, p{  
    color:#28373D  
}
```

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 #28373D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #28373D
}
```

Border

The CSS property to change the border of an element to Hex 28373D is called "border". The border property can be set on classes, ids or directly on the HTML element.

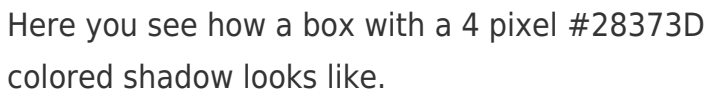
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#28373D }
```

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

```
.border{ border-color:#28373D }
```

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



Here you see how a box with a 4 pixel #28373D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #28373D; -webkit-box-shadow:4px 4px  
4px 4px #28373D; box-shadow:4px 4px 4px  
4px #28373D }
```

Background

The CSS property to change the background color of an element to Hex 28373D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#28373D }
```

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

```
.background{ background-color:#28373D }
```

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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