

Converting Colors

Hex(303848)

Have a look what the booklet for
Hex(303848) contains.

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Color

Hex(303848)

Conversions

Conversions Part 1

Format	Color
Hex	303848
RGB	48, 56, 72
RGB Percent	19%, 22%, 28%
CMY	0.8118, 0.7804, 0.7176
CMYK	0.33, 0.22, 0.00, 0.72
HSL	220°, 20%, 24%
HSV	220°, 33%, 28%
XYZ	3.8028, 3.9246, 6.6880
YIQ	55.4320, -9.9040, 3.2800

Conversions

Conversions Part 2

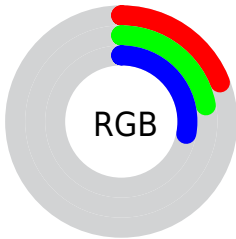
Format	Color
R_YB	48, 54, 72
Decimal	3160136
CIE Lab	23.42, 1.09, -10.95
CIE LCh	23, 11.000, 275.713
Yxy	3.9246, 0.2638, 0.2723
Android (android.graphics.Color)	4281350216 (0xFF303848)
YUV	55.4320, 8.1680, -6.5179
Hunter-Lab	19.8106, -0.4042, -6.1486

Details

The Hex color **303848** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **484030**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **5F6779**, and **020D1D** is the 20% darker color. If you saturate the color by 10%, you get **293348**, and if you desaturate by 10%, it is **373D48**.

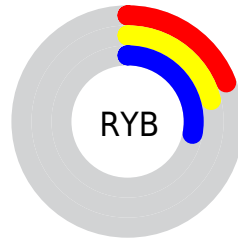
Distribution



Red (19%)

Green (22%)

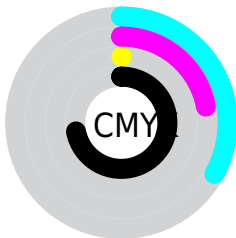
Blue (28%)



Red (19%)

Yellow (21%)

Blue (28%)

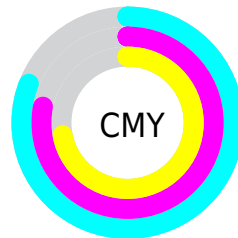


Cyan (33%)

Magenta (22%)

Yellow (0%)

Black (72%)



Cyan (81%)

Magenta (78%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 303848 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 303848 by changing the saturation by 10% instead.

■ 303848

■ 303848

FFFFFF

■ 1A2331

■ 5F6779

■ 020D1D

■ 788092

■ 000000

■ 919AAD

■ ACB4C8

■ C8D0E4

■ E4ECFF

■ 303848

■ 303848

■ 293348

■ 373D48

■ 222E48

■ 3E4248

■ 1A2A48

■ 464648

■ 132548

■ 4D4B48

■ 0C2048

■ 545048

■ 051B48

■ 5B5548

■ 001848

■ 625A48

■ 6A5E48

■ 716348

Harmonies

Analogous

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



263A47



303848



3B3545

Triad

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



303848



48332F



2A3C31

Complementary

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



303848



484030

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.



333A2A



303848



443529

Square

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



303848



483236



3C3827



223C39

Rectangle

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



303848



413341



3C3827



2D3B2E

Sweetspot

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



303848



55585E



304840



2B2D30



B0B0B0



303030

Same Dimension

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



303848



39455E



343048



202124



002163



004CE3

Inverse Universe

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



483038



5E3945



444830



242021



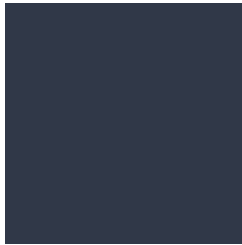
630021



E3004C

Previews

White Background



This preview shows how the Hex color 303848 looks on a white background.

Color Contrast Check

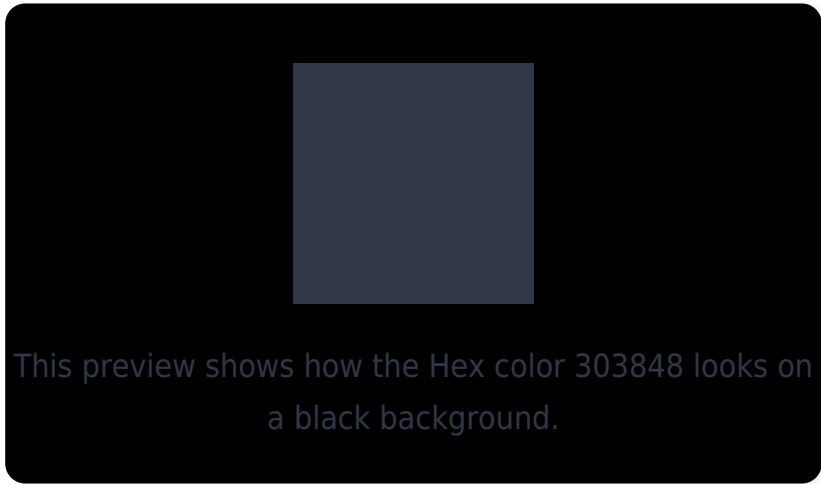
Large Text (above 18pt) WCAG AA ✓ Pass

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

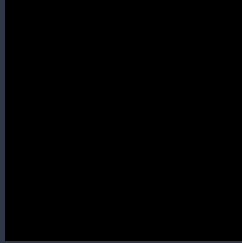
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

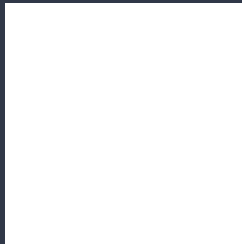
Any Text WCAG AAA × Fail

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

Hex 303848 Background



This preview shows how black text looks on a background with the Hex color 303848.

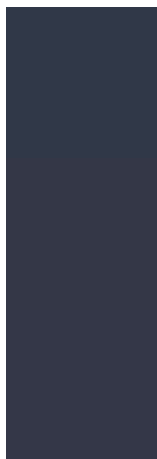


This preview shows how white text looks on a background with the Hex color 303848.

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
303848

Protanopia
343747

Deuteranopia
343748



Tritanopia
2E3A3E

Trichromacy



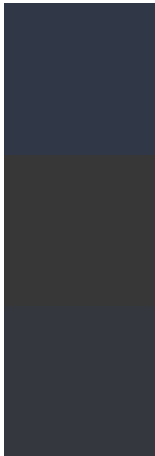
Original Color
303848

Protanomaly
333747

Deuteranomaly
333748

Tritanomaly
2F3942

Monochromacy



Original Color
303848

Achromatopsia
373737

Achromatomaly
34373D

CSS Examples

Text

The CSS property to change the color of the text to Hex 303848 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 #303848 looks like.

```
.text, #text, p{  
    color:#303848  
}
```

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 #303848 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #303848
}
```

Border

The CSS property to change the border of an element to Hex 303848 is called "border". The border property can be set on classes, ids or directly on the HTML element.

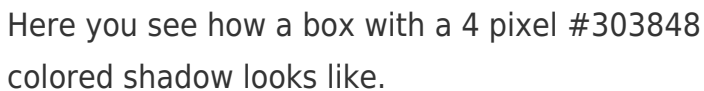
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#303848 }
```

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

```
.border{ border-color:#303848 }
```

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



Here you see how a box with a 4 pixel #303848 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #303848; -webkit-box-shadow:4px 4px  
4px 4px #303848; box-shadow:4px 4px 4px  
4px #303848 }
```

Background

The CSS property to change the background color of an element to Hex 303848 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#303848 }
```

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

```
.background{ background-color:#303848 }
```

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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