

Converting Colors

Hex(303E34)

Have a look what the booklet for
Hex(303E34) contains.

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Color

Hex(303E34)

Conversions

Conversions Part 1

Format	Color
Hex	303E34
RGB	48, 62, 52
RGB Percent	19%, 24%, 20%
CMY	0.8118, 0.7569, 0.7961
CMYK	0.23, 0.00, 0.16, 0.76
HSL	137°, 13%, 22%
HSV	137°, 23%, 24%
XYZ	3.5614, 4.3216, 3.8953
YIQ	56.6740, -5.1340, -6.0780

Conversions

Conversions Part 2

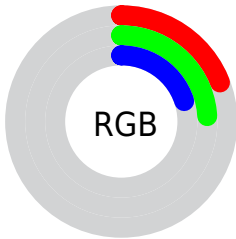
Format	Color
R_{YB}	48, 59, 62
Decimal	3161652
CIE Lab	24.71, -8.15, 4.28
CIE LCh	25, 9.207, 152.267
Yxy	4.3216, 0.3024, 0.3669
Android (android.graphics.Color)	4281351732 (0xFF303E34)
YUV	56.6740, -2.3043, -7.6071
Hunter-Lab	20.7884, -5.7997, 3.4423

Details

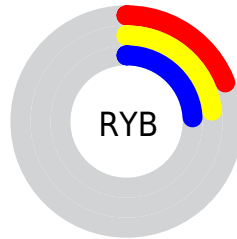
The Hex color **303E34** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3E303A**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **5E6E62**, and **011406** is the 20% darker color. If you saturate the color by 10%, you get **2A3E30**, and if you desaturate by 10%, it is **363E38**.

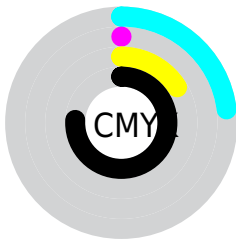
Distribution



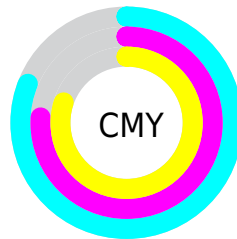
- Red (19%)
- Green (24%)
- Blue (20%)



- Red (19%)
- Yellow (23%)
- Blue (24%)



- Cyan (23%)
- Magenta (0%)
- Yellow (16%)
- Black (76%)



- Cyan (81%)
- Magenta (76%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 303E34 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 303E34 by changing the saturation by 10% instead.



303E34



303E34

FFFFFF



1B281F



5E6E62



011406



77877B



000000



91A195



ABBCB0



C7D8CB



E3F4E7



303E34



303E34



2A3E30



363E38

■ 243E2B

■ 3C3E3D

■ 1D3E27

■ 433E41

■ 173E22

■ 493E46

■ 113E1E

■ 4F3E4A

■ 0B3E19

■ 553E4F

■ 053E15

■ 5B3E53

■ 003E12

■ 623E57

■ 683E5C

Harmonies

Analogous

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



383C2F



303E34



2A3F3B

Triad

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



303E34



333B48



493634

Complementary

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



303E34



3E303A

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.



48363A



303E34



3D3946

Square

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



303E34



2B3D47



443741



46382F

Rectangle

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



303E34



283F40



443741



493636

Sweetspot

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



303E34



4C524E



3A3E30



262926



A8A8A8



292929

Same Dimension

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



303E34



3C5242



303E3B



1C1F1C



005E1B



00DE3F

Inverse Universe

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



3E303A



523C4B



3E3033



1F1C1E



5E0043



DE009E

Previews

White Background



This preview shows how the Hex color 303E34 looks on a white background.

Color Contrast Check

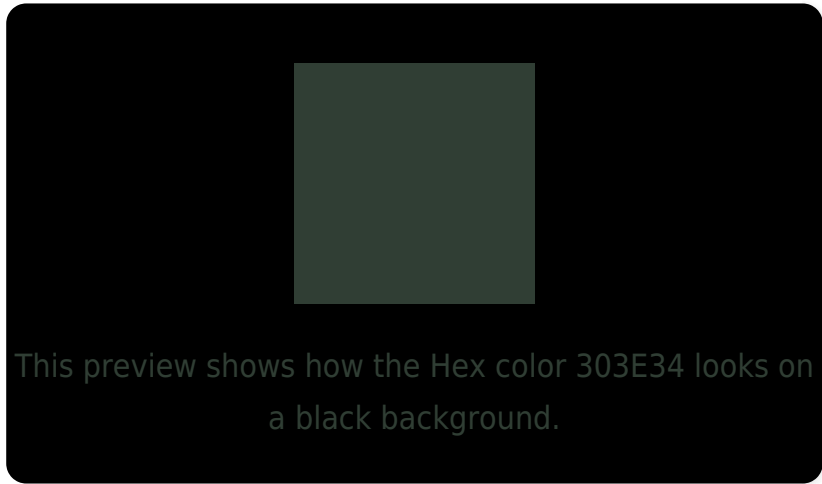
Large Text (above 18pt) WCAG AA ✓ Pass

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

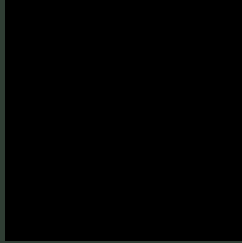
Any Text WCAG AA × Fail

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 303E34 Background



This preview shows how black text looks on a background with the Hex color 303E34.



This preview shows how white text looks on a background with the Hex color 303E34.

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](#).

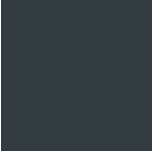
Dichromacy



Original Color
303E34

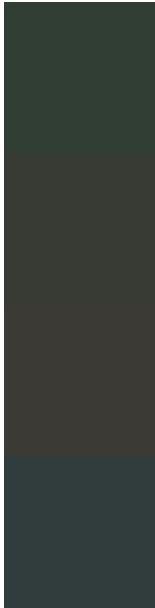
Protanopia
3D3A32

Deuteranopia
423835



Tritanopia
323C41

Trichromacy



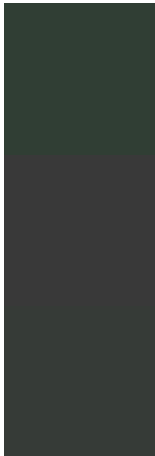
Original Color
303E34

Protanomaly
383B33

Deuteranomaly
3B3A35

Tritanomaly
313D3C

Monochromacy



Original Color
303E34

Achromatopsia
393939

Achromatomaly
363B37

CSS Examples

Text

The CSS property to change the color of the text to Hex 303E34 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 #303E34 looks like.

```
.text, #text, p{  
    color:#303E34  
}
```

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 #303E34 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #303E34
}
```

Border

The CSS property to change the border of an element to Hex 303E34 is called "border". The border property can be set on classes, ids or directly on the HTML element.

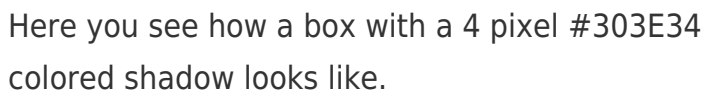
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#303E34 }
```

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

```
.border{ border-color:#303E34 }
```

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



Here you see how a box with a 4 pixel #303E34 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #303E34; -webkit-box-shadow:4px 4px  
4px 4px #303E34; box-shadow:4px 4px 4px  
4px #303E34 }
```

Background

The CSS property to change the background color of an element to Hex 303E34 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#303E34 }
```

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

```
.background{ background-color:#303E34 }
```

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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