

Converting Colors

Hex(303236)

Have a look what the booklet for
Hex(303236) contains.

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Color

Hex(303236)

Conversions

Conversions Part 1

Format	Color
Hex	303236
RGB	48, 50, 54
RGB Percent	19%, 20%, 21%
CMY	0.8118, 0.8039, 0.7882
CMYK	0.11, 0.07, 0.00, 0.79
HSL	220°, 6%, 20%
HSV	220°, 11%, 21%
XYZ	3.0254, 3.1759, 3.9436
YIQ	49.8580, -2.4760, 0.8200

Conversions

Conversions Part 2

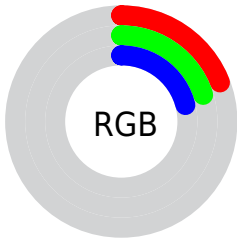
Format	Color
R_{YB}	48, 50, 54
Decimal	3158582
CIE Lab	20.74, 0.12, -2.84
CIE LCh	21, 2.838, 272.385
Yxy	3.1759, 0.2982, 0.3131
Android (android.graphics.Color)	4281348662 (0xFF303236)
YUV	49.8580, 2.0420, -1.6295
Hunter-Lab	17.8211, -0.8841, -0.6453

Details

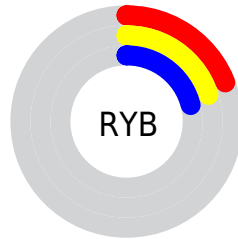
The Hex color **303236** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **363430**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **5E6065**, and **00030A** is the 20% darker color. If you saturate the color by 10%, you get **2B2E36**, and if you desaturate by 10%, it is **353636**.

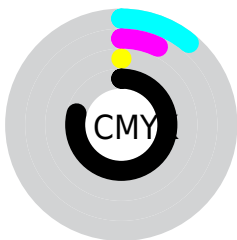
Distribution



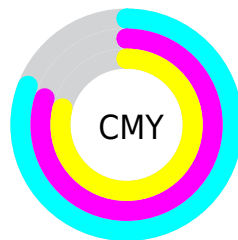
- Red (19%)
- Green (20%)
- Blue (21%)



- Red (19%)
- Yellow (20%)
- Blue (21%)



- Cyan (11%)
- Magenta (7%)
- Yellow (0%)
- Black (79%)



- Cyan (81%)
- Magenta (80%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 303236 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 303236 by changing the saturation by 10% instead.

■ 303236

■ 303236

FFFFFF

■ 1B1D21

■ 5E6065

■ 00030A

■ 77797E

■ 000000

■ 909397

■ ABADB2

■ C6C9CE

■ E2E5EA

■ 303236

■ 303236

■ 2B2E36

■ 353636

■ 252B36

■ 3B3936

■ 202736

■ 403D36

■ 1A2436

■ 464036

■ 152036

■ 4B4436

■ 101C36

■ 504836

■ 0A1936

■ 564B36

■ 051536

■ 5B4F36

■ 001236

■ 615236

Harmonies

Analogous

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



2E3335



303236



333135

Triad

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



303236



363130



2F3330

Complementary

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



303236



363430

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.



31322E



303236



35312E

Square

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



303236



363132



34322E



2D3332

Rectangle

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



303236



343134



34322E



30332F

Sweetspot

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



303236



454647



303634



222324



A3A3A3



242424

Same Dimension

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



303236



3E4147



313036



191A1C



001F5C



0049DB

Inverse Universe

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



363032



473E41



353630



1C191A



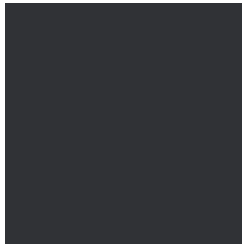
5C001F



DB0049

Previews

White Background



This preview shows how the Hex color 303236 looks on a white background.

Color Contrast Check

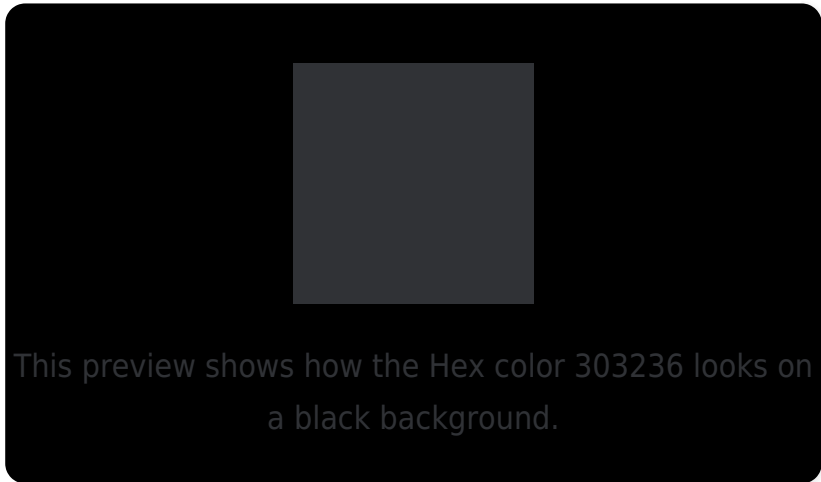
Large Text (above 18pt) WCAG AA ✓ Pass

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

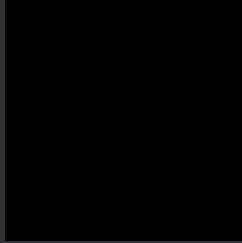
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

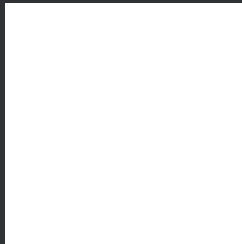
Any Text WCAG AAA × Fail

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

Hex 303236 Background



This preview shows how black text looks on a background with the Hex color 303236.



This preview shows how white text looks on a background with the Hex color 303236.

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](#).

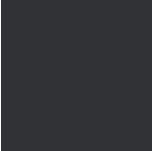
Dichromacy



Original Color
303236

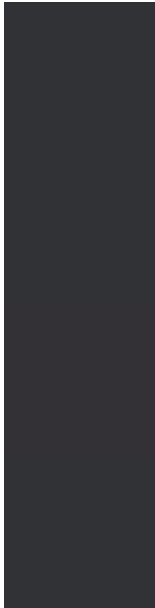
Protanopia
323236

Deuteranopia
353036



Tritanopia
303236

Trichromacy



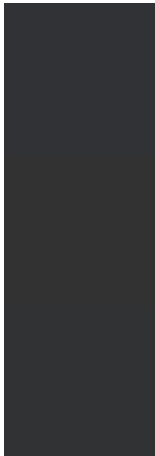
Original Color
303236

Protanomaly
313236

Deuteranomaly
333136

Tritanomaly
303236

Monochromacy



Original Color
303236

Achromatopsia
323232

Achromatomaly
313233

CSS Examples

Text

The CSS property to change the color of the text to Hex 303236 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 #303236 looks like.

```
.text, #text, p{  
    color:#303236  
}
```

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 #303236 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #303236
}
```

Border

The CSS property to change the border of an element to Hex 303236 is called "border". The border property can be set on classes, ids or directly on the HTML element.

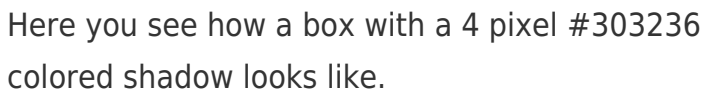
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#303236 }
```

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

```
.border{ border-color:#303236 }
```

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



Here you see how a box with a 4 pixel #303236 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #303236; -webkit-box-shadow:4px 4px  
4px 4px #303236; box-shadow:4px 4px 4px  
4px #303236 }
```

Background

The CSS property to change the background color of an element to Hex 303236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#303236 }
```

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

```
.background{ background-color:#303236 }
```

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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