

Converting Colors

Hex(303233)

Have a look what the booklet for
Hex(303233) contains.

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Color

Hex(303233)

Conversions

Conversions Part 1

Format	Color
Hex	303233
RGB	48, 50, 51
RGB Percent	19%, 20%, 20%
CMY	0.8118, 0.8039, 0.8000
CMYK	0.06, 0.02, 0.00, 0.80
HSL	200°, 3%, 19%
HSV	200°, 6%, 20%
XYZ	2.9571, 3.1486, 3.5839
YIQ	49.5160, -1.5130, -0.1130

Conversions

Conversions Part 2

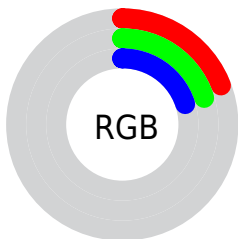
Format	Color
R_YB	48, 49, 51
Decimal	3158579
CIE Lab	20.63, -0.63, -0.94
CIE LCh	21, 1.132, 236.276
Yxy	3.1486, 0.3052, 0.3249
Android (android.graphics.Color)	4281348659 (0xFF303233)
YUV	49.5160, 0.7316, -1.3295
Hunter-Lab	17.7443, -1.3057, 0.4461

Details

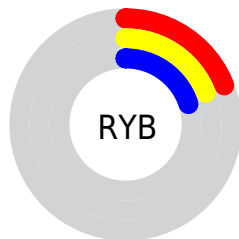
The Hex color **303233** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **333130**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **5E6061**, and **000305** is the 20% darker color. If you saturate the color by 10%, you get **2B3033**, and if you desaturate by 10%, it is **353433**.

Distribution



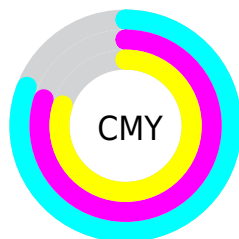
- Red (19%)
- Green (20%)
- Blue (20%)



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



- Cyan (6%)
- Magenta (2%)
- Yellow (0%)
- Black (80%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 303233 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 303233 by changing the saturation by 10% instead.

■ 303233

■ 303233

FFFFFF

■ 1B1D1E

■ 5E6061

■ 000305

■ 77797A

■ 000000

■ 909394

■ ABADAE

■ C6C9CA

■ E2E5E6

■ 303233

■ 303233

■ 2B3033

■ 353433

■ 262F33

■ 3A3533

■ 212D33

■ 3F3733

■ 1C2B33

■ 443933

■ 162933

■ 4A3B33

■ 112833

■ 4F3C33

■ 0C2633

■ 543E33

■ 072433

■ 594033

■ 022333

■ 5E4133

Harmonies

Analogous

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



303232



303233



313233

Triad

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



303233



333132



323230

Complementary

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



303233



333130

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.



333230



303233



343131

Square

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



303233



333133



333130



313231

Rectangle

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



303233



313233



333130



323230

Sweetspot

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



303233



414242



303331



202121



A1A1A1



212121

Same Dimension

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



303233



3E4142



303133



17191A



003B59



0090D9

Inverse Universe

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



333032



423E41



333330



1A1719



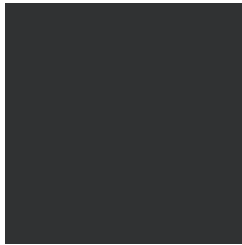
59003B



D90090

Previews

White Background



This preview shows how the Hex color 303233 looks on a white background.

Color Contrast Check

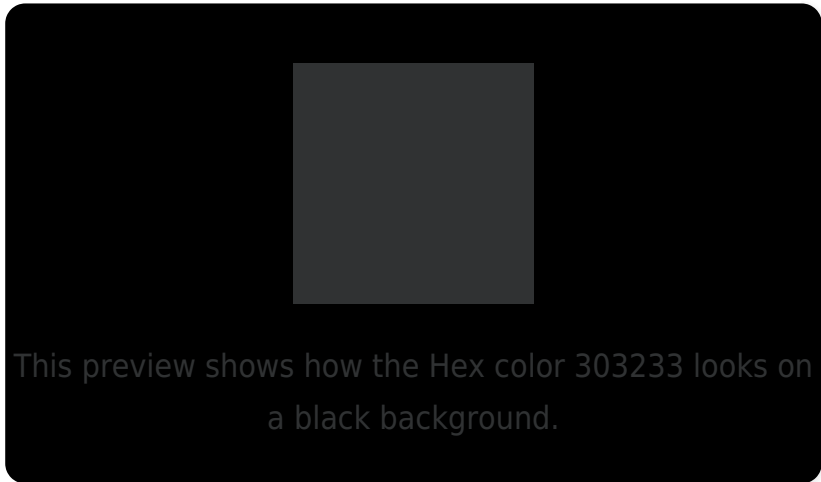
Large Text (above 18pt) WCAG AA ✓ Pass

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

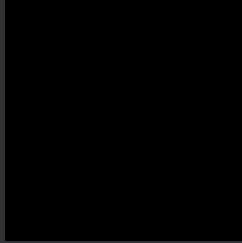
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

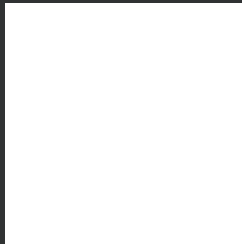
Any Text WCAG AAA × Fail

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

Hex 303233 Background



This preview shows how black text looks on a background with the Hex color 303233.

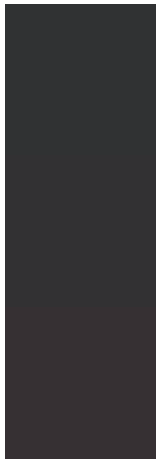


This preview shows how white text looks on a background with the Hex color 303233.

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](#).

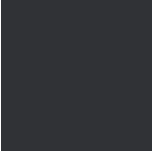
Dichromacy



Original Color
303233

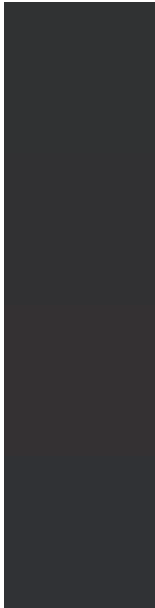
Protanopia
323133

Deuteranopia
363033



Tritanopia
303236

Trichromacy



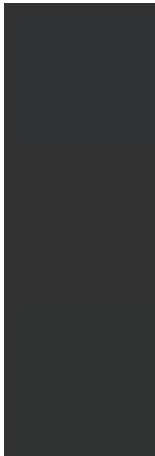
Original Color
303233

Protanomaly
313133

Deuteranomaly
343133

Tritanomaly
303235

Monochromacy



Original Color
303233

Achromatopsia
323232

Achromatomaly
313232

CSS Examples

Text

The CSS property to change the color of the text to Hex 303233 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 #303233 looks like.

```
.text, #text, p{  
    color:#303233  
}
```

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 #303233 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #303233
}
```

Border

The CSS property to change the border of an element to Hex 303233 is called "border". The border property can be set on classes, ids or directly on the HTML element.

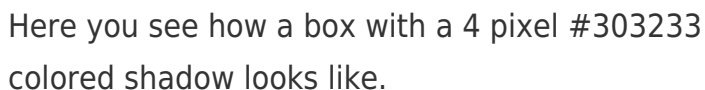
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#303233 }
```

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

```
.border{ border-color:#303233 }
```

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



Here you see how a box with a 4 pixel #303233 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #303233; -webkit-box-shadow:4px 4px  
4px 4px #303233; box-shadow:4px 4px 4px  
4px #303233 }
```

Background

The CSS property to change the background color of an element to Hex 303233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#303233 }
```

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

```
.background{ background-color:#303233 }
```

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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