

Converting Colors

Hex(303531)

Have a look what the booklet for
Hex(303531) contains.

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Color

Hex(303531)

Conversions

Conversions Part 1

Format	Color
Hex	303531
RGB	48, 53, 49
RGB Percent	19%, 21%, 19%
CMY	0.8118, 0.7922, 0.8078
CMYK	0.09, 0.00, 0.08, 0.79
HSL	132°, 5%, 20%
HSV	132°, 9%, 21%
XYZ	3.0464, 3.3963, 3.4007
YIQ	51.0490, -1.6960, -2.3040

Conversions

Conversions Part 2

Format	Color
R_{YB}	48, 52, 53
Decimal	3159345
CIE _{Lab}	21.57, -3.10, 1.78
CIE _{LCh}	22, 3.574, 150.051
Yxy	3.3963, 0.3095, 0.3450
Android (android.graphics.Color)	4281349425 (0xFF303531)
YUV	51.0490, -1.0102, -2.6740
Hunter-Lab	18.4291, -2.7443, 1.9596

Details

The Hex color **303531** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **353034**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **5E635F**, and **000801** is the 20% darker color. If you saturate the color by 10%, you get **2B352D**, and if you desaturate by 10%, it is **353535**.

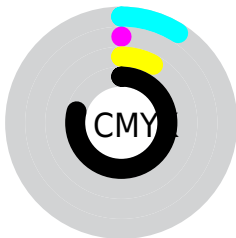
Distribution



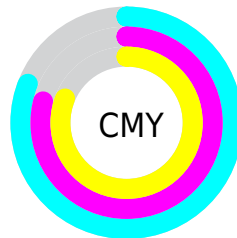
- Red (19%)
- Green (21%)
- Blue (19%)



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



- Cyan (9%)
- Magenta (0%)
- Yellow (8%)
- Black (79%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 303531 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 303531 by changing the saturation by 10% instead.

■ 303531

■ 303531

FFFFFF

■ 1B201C

■ 5E635F

■ 000801

■ 777C78

■ 000000

■ 909691

■ ABB1AC

■ C6CCC7

■ E2E9E3

■ 303531

■ 303531

■ 2B352D

■ 353535

■ 253529

■ 3B3539

■ 203524

■ 40353E

■ 1B3520

■ 453542

■ 15351C

■ 4B3546

■ 103518

■ 50354A

■ 0B3513

■ 55354F

■ 06350F

■ 5A3553

■ 00350B

■ 603557

Harmonies

Analogous

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



33342F



303531



2E3534

Triad

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



303531



313439



393231

Complementary

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



303531



353034

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.



393234



303531



343338

Square

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



303531



2E3538



373236



38332F

Rectangle

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



303531



2D3535



373236



3A3232

Sweetspot

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



303531



434543



343530



222423



A3A3A3



242424

Same Dimension

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



303531



3D453F



303534



171A17



005912



00D92B

Inverse Universe

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



353034



453D43



353032



1A1719



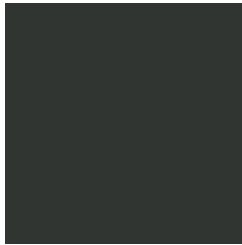
590047



D900AD

Previews

White Background



This preview shows how the Hex color 303531 looks on a white background.

Color Contrast Check

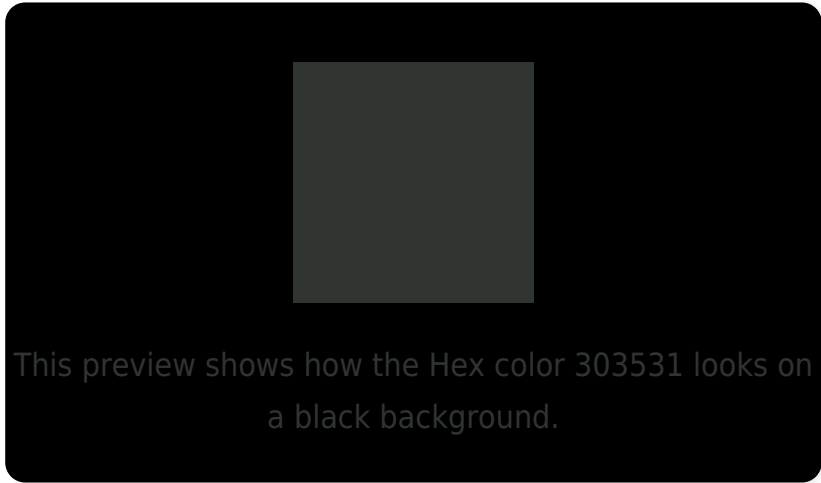
Large Text (above 18pt) WCAG AA ✓ Pass

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

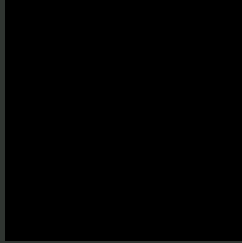
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

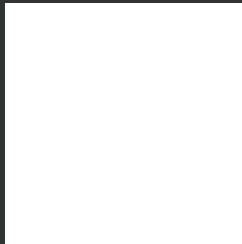
Any Text WCAG AAA × Fail

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

Hex 303531 Background



This preview shows how black text looks on a background with the Hex color 303531.

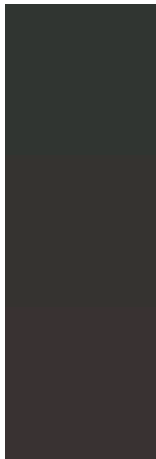


This preview shows how white text looks on a background with the Hex color 303531.

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](#).

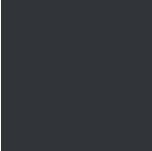
Dichromacy



Original Color
303531

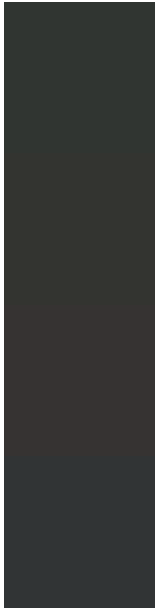
Protanopia
353330

Deuteranopia
393232



Tritanopia
313438

Trichromacy



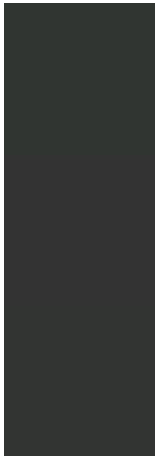
Original Color
303531

Protanomaly
333430

Deuteranomaly
363332

Tritanomaly
313435

Monochromacy



Original Color
303531

Achromatopsia
333333

Achromatomaly
323432

CSS Examples

Text

The CSS property to change the color of the text to Hex 303531 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 #303531 looks like.

```
.text, #text, p{  
    color:#303531  
}
```

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 #303531 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #303531
}
```

Border

The CSS property to change the border of an element to Hex 303531 is called "border". The border property can be set on classes, ids or directly on the HTML element.

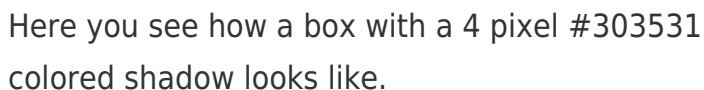
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#303531 }
```

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

```
.border{ border-color:#303531 }
```

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



Here you see how a box with a 4 pixel #303531 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #303531; -webkit-box-shadow:4px 4px  
4px 4px #303531; box-shadow:4px 4px 4px  
4px #303531 }
```

Background

The CSS property to change the background color of an element to Hex 303531 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#303531 }
```

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

```
.background{ background-color:#303531 }
```

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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