

Converting Colors

Hex(2C3331)

Have a look what the booklet for
Hex(2C3331) contains.

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Color

Hex(2C3331)

Conversions

Conversions Part 1

Format	Color
Hex	2C3331
RGB	44, 51, 49
RGB Percent	17%, 20%, 19%
CMY	0.8275, 0.8000, 0.8078
CMYK	0.14, 0.00, 0.04, 0.80
HSL	163°, 7%, 19%
HSV	163°, 14%, 20%
XYZ	2.7769, 3.1249, 3.3625
YIQ	48.6790, -3.5300, -2.1060

Conversions

Conversions Part 2

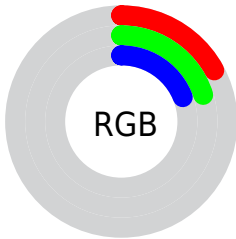
Format	Color
RYB	44, 48, 51
Decimal	2896689
CIELab	20.54, -3.49, 0.25
CIElCh	21, 3.500, 175.947
Yxy	3.1249, 0.2997, 0.3373
Android (android.graphics.Color)	4281086769 (0xFF2C3331)
YUV	48.6790, 0.1583, -4.1035
Hunter-Lab	17.6773, -2.8949, 1.0961

Details

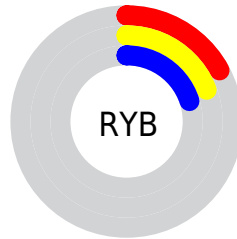
The Hex color **2C3331** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **332C2E**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **5A615F**, and **000401** is the 20% darker color. If you saturate the color by 10%, you get **273330**, and if you desaturate by 10%, it is **313332**.

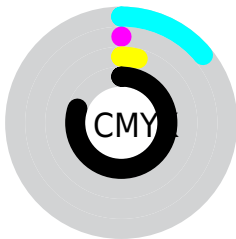
Distribution



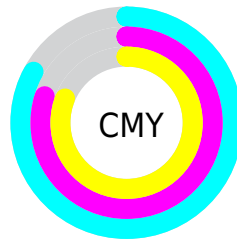
- Red (17%)
- Green (20%)
- Blue (19%)



- Red (17%)
- Yellow (19%)
- Blue (20%)



- Cyan (14%)
- Magenta (0%)
- Yellow (4%)
- Black (80%)



- Cyan (83%)
- Magenta (80%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C3331 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 2C3331 by changing the saturation by 10% instead.

■ 2C3331

■ 2C3331

FFFFFF

■ 171E1C

■ 5A615F

■ 000401

■ 727A78

■ 000000

■ 8C9491

■ A6AEAC

■ C1CAC7

■ DDE6E3

■ F9FFFF

■ 2C3331

■ 2C3331

■ 273330

■ 313332

■ 22332E

■ 363334

■ 1D332D

■ 3B3335

■ 18332B

■ 403337

■ 12332A

■ 463338

■ 0D3328

■ 4B333A

■ 083327

■ 50333B

■ 033325

■ 55333D

■ 003324

■ 5A333E

Harmonies

Analogous

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



2E332F



2C3331



2B3334

Triad

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



2C3331



323136



36302D

Complementary

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



2C3331



332C2E

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.



37302F



2C3331



353034

Square

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



2C3331



2E3237



373032



34312C

Rectangle

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



2C3331



2C3335



373032



37302E

Sweetspot

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



2C3331



404242



2E332C



1F2121



A1A1A1



212121

Same Dimension

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



2C3331



38423F



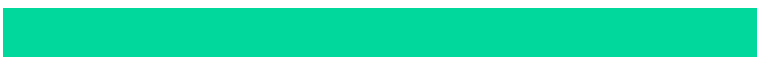
2C3233



171A19



005940



00D99B

Inverse Universe

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



332C2E



42383B



332D2C



1A1718



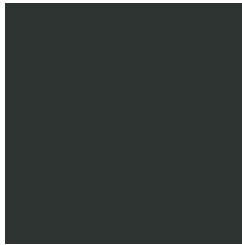
590019



D9003E

Previews

White Background



This preview shows how the Hex color 2C3331 looks on a white background.

Color Contrast Check

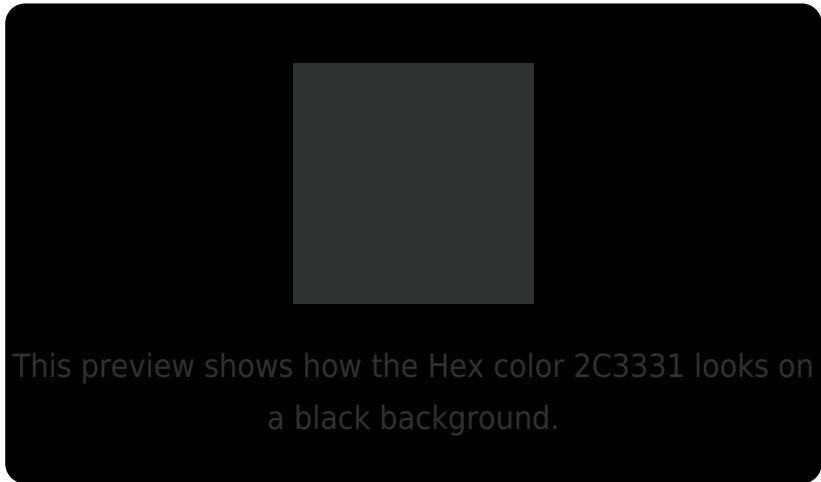
Large Text (above 18pt) WCAG AA ✓ Pass

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

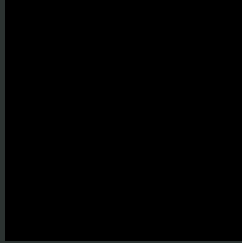
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

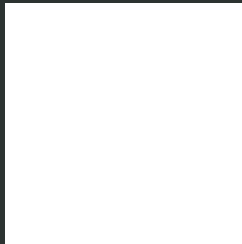
Any Text WCAG AAA × Fail

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

Hex 2C3331 Background



This preview shows how black text looks on a background with the Hex color 2C3331.

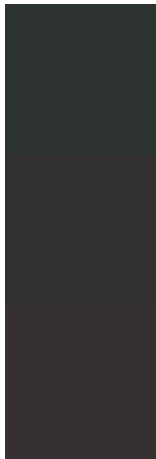


This preview shows how white text looks on a background with the Hex color 2C3331.

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](#).

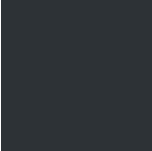
Dichromacy



Original Color
2C3331

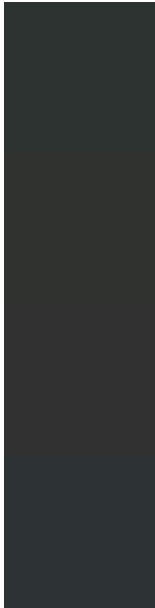
Protanopia
333130

Deuteranopia
363032



Tritanopia
2D3236

Trichromacy



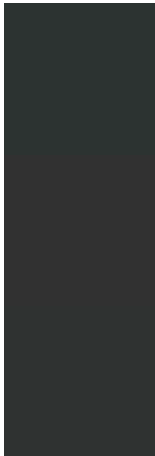
Original Color
2C3331

Protanomaly
303230

Deuteranomaly
323132

Tritanomaly
2D3234

Monochromacy



Original Color
2C3331

Achromatopsia
313131

Achromatomaly
2F3231

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C3331 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 #2C3331 looks like.

```
.text, #text, p{  
    color:#2C3331  
}
```

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 #2C3331 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C3331
}
```

Border

The CSS property to change the border of an element to Hex 2C3331 is called "border". The border property can be set on classes, ids or directly on the HTML element.

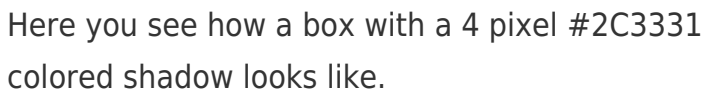
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2C3331 }
```

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

```
.border{ border-color:#2C3331 }
```

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



Here you see how a box with a 4 pixel #2C3331 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C3331; -webkit-box-shadow:4px 4px  
4px 4px #2C3331; box-shadow:4px 4px 4px  
4px #2C3331 }
```

Background

The CSS property to change the background color of an element to Hex 2C3331 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C3331 }
```

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

```
.background{ background-color:#2C3331 }
```

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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