

Converting Colors

Hex(2C2C33)

Have a look what the booklet for
Hex(2C2C33) contains.

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Color

Hex(2C2C33)

Conversions

Conversions Part 1

Format	Color
Hex	2C2C33
RGB	44, 44, 51
RGB Percent	17%, 17%, 20%
CMY	0.8275, 0.8275, 0.8000
CMYK	0.14, 0.14, 0.00, 0.80
HSL	240°, 7%, 19%
HSV	240°, 14%, 20%
XYZ	2.5369, 2.5759, 3.4954
YIQ	44.7980, -2.2470, 2.1770

Conversions

Conversions Part 2

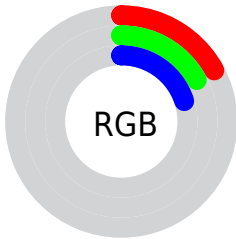
Format	Color
RYB	44, 44, 51
Decimal	2894899
CIELab	18.26, 1.76, -4.50
CIElCh	18, 4.831, 291.384
Yxy	2.5759, 0.2947, 0.2992
Android (android.graphics.Color)	4281084979 (0xFF2C2C33)
YUV	44.7980, 3.0576, -0.6998
Hunter-Lab	16.0495, 0.1288, -1.6783

Details

The Hex color **2C2C33** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **33332C**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **5A5961**, and **000004** is the 20% darker color. If you saturate the color by 10%, you get **272733**, and if you desaturate by 10%, it is **313133**.

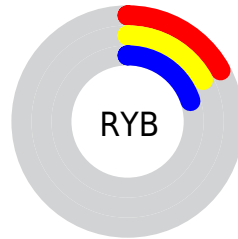
Distribution



Red (17%)

Green (17%)

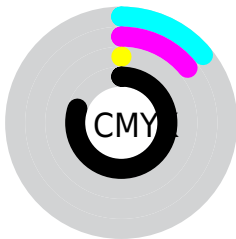
Blue (20%)



Red (17%)

Yellow (17%)

Blue (20%)

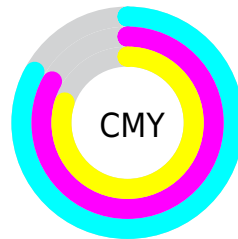


Cyan (14%)

Magenta (14%)

Yellow (0%)

Black (80%)



Cyan (83%)

Magenta (83%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C2C33 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 2C2C33 by changing the saturation by 10% instead.

■ 2C2C33

■ 2C2C33

FFFFFF

■ 17181E

■ 5A5961

■ 000004

■ 72727A

■ 000000

■ 8B8B94

■ A6A6AE

■ C1C1CA

■ DDDDE6

■ F9F9FF

■ 2C2C33

■ 2C2C33

■ 272733

■ 313133

■ 222233

■ 363633

■ 1D1D33

■ 3B3B33

■ 181833

■ 404033

■ 121233

■ 464633

■ 0D0D33

■ 4B4B33

■ 080833

■ 505033

■ 030333

■ 555533

■ 000033

■ 5A5A33

Harmonies

Analogous

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



282D33



2C2C33



302B31

Triad

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



2C2C33



332B27



252F2B

Complementary

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



2C2C33



33332C

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.



292E28



2C2C33



302C26

Square

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



2C2C33



342A2A



2D2D26



242F2F

Rectangle

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



2C2C33



322A2F



2D2D26



262E2A

Sweetspot

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



2C2C33



404042



2C3333



1F1F21



A1A1A1



212121

Same Dimension

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



2C2C33



383842



302C33



17171A



000059



0000D9

Inverse Universe

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



332C33



423842



30332C



1A171A



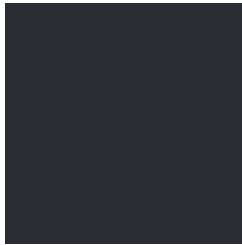
590059



D900D9

Previews

White Background



This preview shows how the Hex color 2C2C33 looks on a white background.

Color Contrast Check

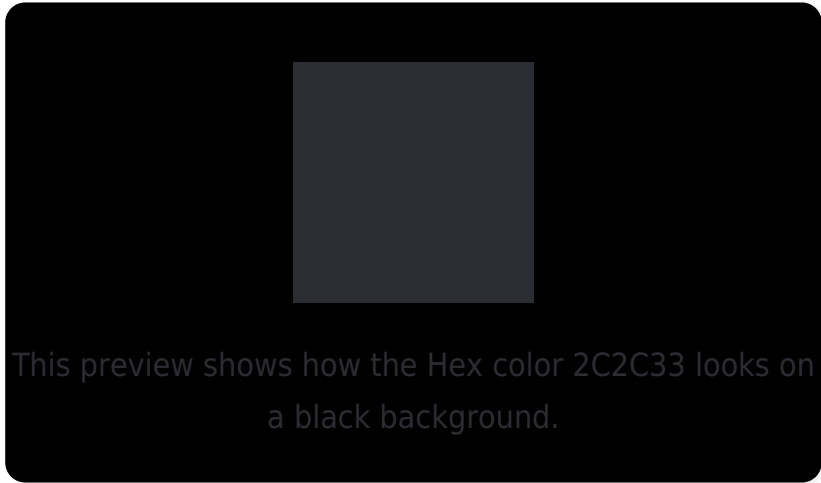
Large Text (above 18pt) WCAG AA ✓ Pass

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

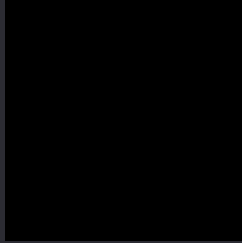
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

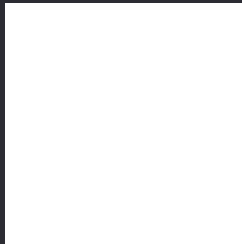
Any Text WCAG AAA × Fail

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

Hex 2C2C33 Background



This preview shows how black text looks on a background with the Hex color 2C2C33.

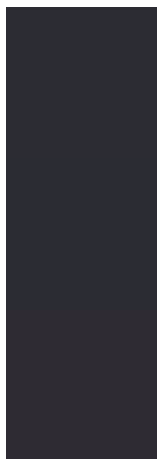


This preview shows how white text looks on a background with the Hex color 2C2C33.

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
2C2C33

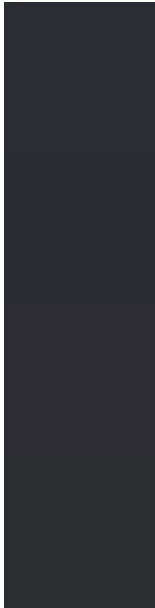
Protanopia
2B2C33

Deuteranopia
2E2B33



Tritanopia
2B2D30

Trichromacy



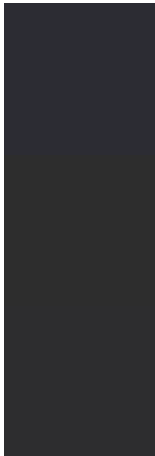
Original Color
2C2C33

Protanomaly
2B2C33

Deuteranomaly
2D2B33

Tritanomaly
2B2D31

Monochromacy



Original Color
2C2C33

Achromatopsia
2D2D2D

Achromatomaly
2D2D2F

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C2C33 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 #2C2C33 looks like.

```
.text, #text, p{  
    color:#2C2C33  
}
```

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 #2C2C33 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C2C33  
}
```

Border

The CSS property to change the border of an element to Hex 2C2C33 is called "border". The border property can be set on classes, ids or directly on the HTML element.

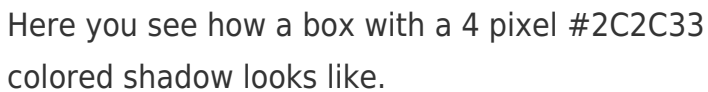
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#2C2C33 }
```

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

```
.border{ border-color:#2C2C33 }
```

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



Here you see how a box with a 4 pixel #2C2C33 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C2C33; -webkit-box-shadow:4px 4px  
4px 4px #2C2C33; box-shadow:4px 4px 4px  
4px #2C2C33 }
```

Background

The CSS property to change the background color of an element to Hex 2C2C33 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C2C33 }
```

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

```
.background{ background-color:#2C2C33 }
```

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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