

Converting Colors

Hex(2C2E31)

Have a look what the booklet for
Hex(2C2E31) contains.

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Color

Hex(2C2E31)

Conversions

Conversions Part 1

Format	Color
Hex	2C2E31
RGB	44, 46, 49
RGB Percent	17%, 18%, 19%
CMY	0.8275, 0.8196, 0.8078
CMYK	0.10, 0.06, 0.00, 0.81
HSL	216°, 5%, 18%
HSV	216°, 10%, 19%
XYZ	2.5701, 2.7112, 3.2936
YIQ	45.7440, -2.1550, 0.5090

Conversions

Conversions Part 2

Format	Color
RYB	44, 45, 49
Decimal	2895409
CIELab	18.85, -0.13, -2.23
CIElCh	19, 2.237, 266.587
Yxy	2.7112, 0.2997, 0.3162
Android (android.graphics.Color)	4281085489 (0xFF2C2E31)
YUV	45.7440, 1.6052, -1.5295
Hunter-Lab	16.4658, -0.9537, -0.3335

Details

The Hex color **2C2E31** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **312F2C**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **595C5F**, and **000001** is the 20% darker color. If you saturate the color by 10%, you get **272B31**, and if you desaturate by 10%, it is **313131**.

Distribution



- Red (17%)
- Green (18%)
- Blue (19%)



- Red (17%)
- Yellow (18%)
- Blue (19%)



- Cyan (10%)
- Magenta (6%)
- Yellow (0%)
- Black (81%)



- Cyan (83%)
- Magenta (82%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C2E31 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 2C2E31 by changing the saturation by 10% instead.

■ 2C2E31

■ 2C2E31

FFFFFF

■ 17191C

■ 595C5F

■ 000001

■ 727478

■ 000000

■ 8B8E91

■ A6A8AC

■ C1C3C7

■ DDDFE3

■ F9FCFF

■ 2C2E31

■ 2C2E31

■ 272B31

■ 313131

■ 222831

■ 363431

■ 1D2531

■ 3B3731

■ 182231

■ 403A31

■ 131F31

■ 453D31

■ 0F1C31

■ 494031

■ 0A1931

■ 4E4331

■ 051631

■ 534631

■ 001431

■ 584831

Harmonies

Analogous

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



2B2E30



2C2E31



2E2D31

Triad

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



2C2E31



312D2C



2C2F2C

Complementary

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



2C2E31



312F2C

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.



2E2E2B



2C2E31



312D2B

Square

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



2C2E31



312D2E



2F2E2B



2A2F2E

Rectangle

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



2C2E31



2F2D30



2F2E2B



2C2E2C

Sweetspot

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



2C2E31



3E3F40



2C312F



202021



A1A1A1



212121

Same Dimension

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



2C2E31



383B40



2D2C31



17181A



002459



0057D9

Inverse Universe

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



312C2E



40383B



31312C



1A1718



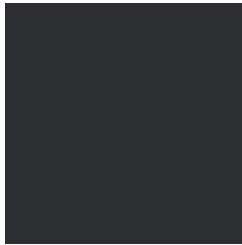
590024



D90057

Previews

White Background



This preview shows how the Hex color 2C2E31 looks on a white background.

Color Contrast Check

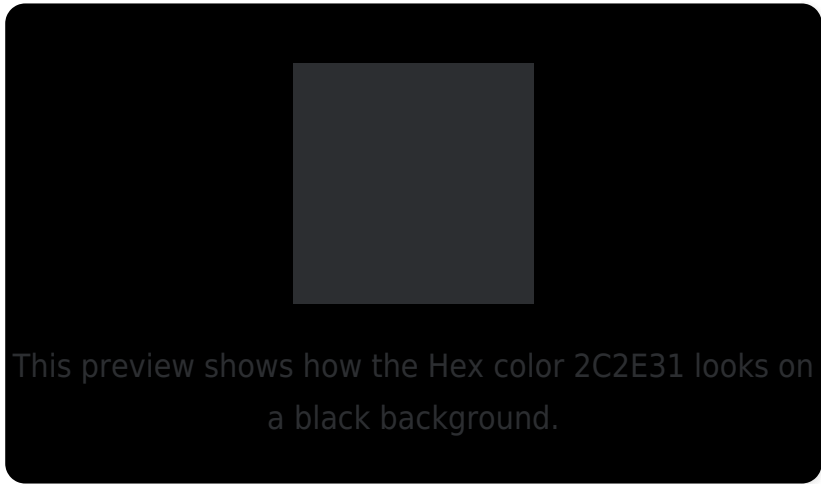
Large Text (above 18pt) WCAG AA ✓ Pass

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

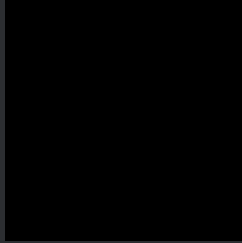
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

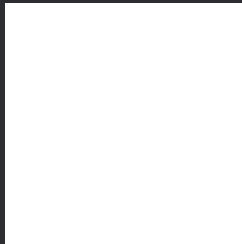
Any Text WCAG AAA × Fail

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

Hex 2C2E31 Background



This preview shows how black text looks on a background with the Hex color 2C2E31.

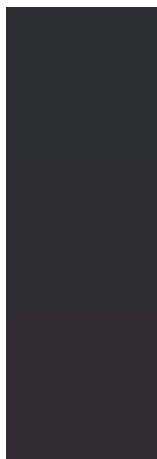


This preview shows how white text looks on a background with the Hex color 2C2E31.

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

2C2E31

Protanopia

2E2D31

Deuteranopia

312C31

Trichromacy



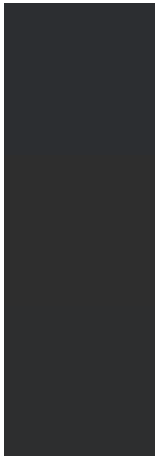
Original Color
2C2E31

Protanomaly
2D2D31

Deuteranomaly
2F2D31

Tritanomaly
2C2E32

Monochromacy



Original Color
2C2E31

Achromatopsia
2E2E2E

Achromatomaly
2D2E2F

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C2E31 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 #2C2E31 looks like.

```
.text, #text, p{  
    color:#2C2E31  
}
```

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 #2C2E31 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C2E31
}
```

Border

The CSS property to change the border of an element to Hex 2C2E31 is called "border". The border property can be set on classes, ids or directly on the HTML element.

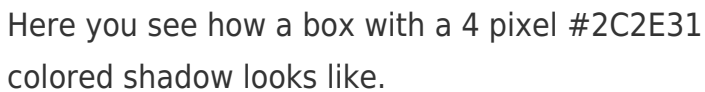
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2C2E31 }
```

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

```
.border{ border-color:#2C2E31 }
```

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



Here you see how a box with a 4 pixel #2C2E31 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C2E31; -webkit-box-shadow:4px 4px  
4px 4px #2C2E31; box-shadow:4px 4px 4px  
4px #2C2E31 }
```

Background

The CSS property to change the background color of an element to Hex 2C2E31 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C2E31 }
```

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

```
.background{ background-color:#2C2E31 }
```

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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