

Converting Colors

Hex(2C2B31)

Have a look what the booklet for
Hex(2C2B31) contains.

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Color

Hex(2C2B31)

Conversions

Conversions Part 1

Format	Color
Hex	2C2B31
RGB	44, 43, 49
RGB Percent	17%, 17%, 19%
CMY	0.8275, 0.8314, 0.8078
CMYK	0.10, 0.12, 0.00, 0.81
HSL	250°, 7%, 18%
HSV	250°, 12%, 19%
XYZ	2.4570, 2.4850, 3.2559
YIQ	43.9830, -1.3300, 2.0780

Conversions

Conversions Part 2

Format	Color
RYB	44, 43, 49
Decimal	2894641
CIELab	17.85, 1.93, -3.71
CIElCh	18, 4.187, 297.479
Yxy	2.4850, 0.2997, 0.3031
Android (android.graphics.Color)	4281084721 (0xFF2C2B31)
YUV	43.9830, 2.4734, 0.0149
Hunter-Lab	15.7638, 0.2345, -1.2112

Details

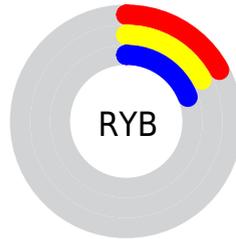
The Hex color **2C2B31** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **30312B**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **59585F**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **282631**, and if you desaturate by 10%, it is **303031**.

Distribution



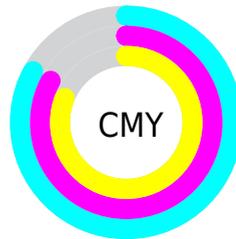
- Red (17%)
- Green (17%)
- Blue (19%)



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



- Cyan (10%)
- Magenta (12%)
- Yellow (0%)
- Black (81%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 2C2B31 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 2C2B31 by changing the saturation by 10% instead.

■ 2C2B31

■ 2C2B31

FFFFFF

■ 17171C

■ 59585F

■ 000000

■ 727178

■ 8B8A91

■ A6A4AC

■ C1C0C7

■ DDDBE3

■ F9F8FF

■ 2C2B31

■ 2C2B31

■ 282631

■ 303031

■ 242131

■ 343531

■ 201C31

■ 383A31

■ 1C1731

■ 3C3F31

■ 181331

■ 404431

■ 130E31

■ 454831

■ 0F0931

■ 494D31

■ 0B0431

■ 4D5231

■ 080031

■ 515731

Harmonies

Analogous

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



282C32



2C2B31



2F2A2F

Triad

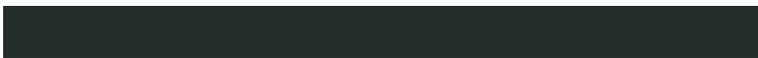
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



2C2B31



312A27



252D2B

Complementary

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



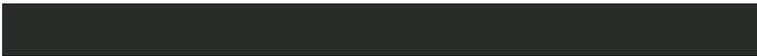
2C2B31



30312B

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.



282D28



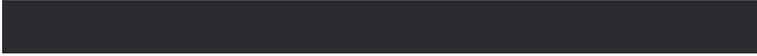
2C2B31



2E2B26

Square

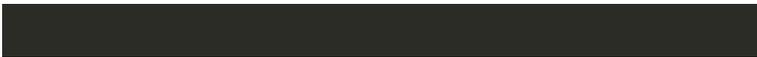
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



2C2B31



322A29



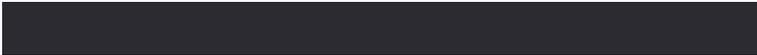
2B2C26



242D2E

Rectangle

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



2C2B31



312A2D



2B2C26



262D2A

Sweetspot

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



2C2B31



3E3D40



2B3031



201F21



A1A1A1



212121

Same Dimension

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



2C2B31



383640



2F2B31



17171A



0F0059



2400D9

Inverse Universe

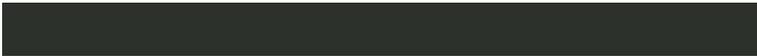
The Inverse Universe completely reimagines the original color for something new.



312B30



40363E



2D312B



1A1719



59004A



D900B5

Previews

White Background



This preview shows how the Hex color 2C2B31 looks on a white background.

Color Contrast Check

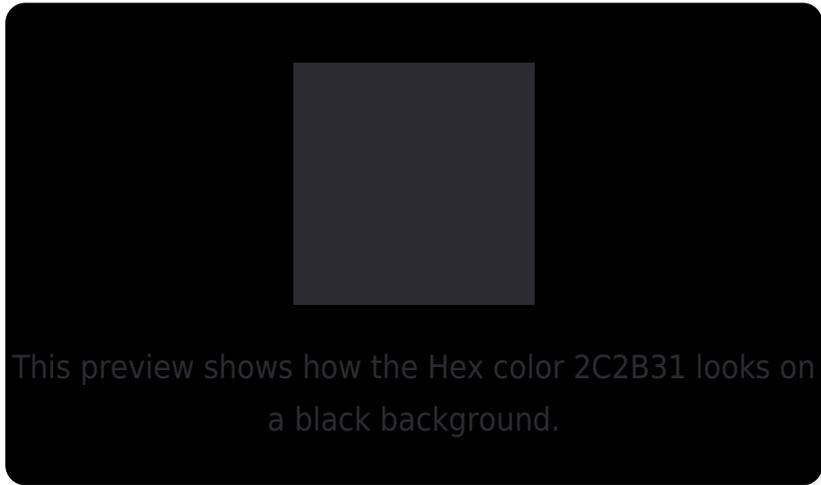
Large Text (above 18pt) WCAG AA ✓ Pass

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

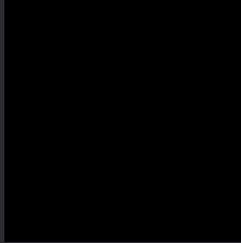
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

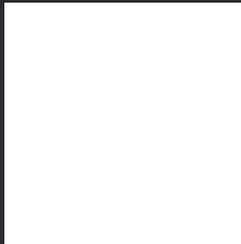
Any Text WCAG AAA × Fail

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

Hex 2C2B31 Background



This preview shows how black text looks on a background with the Hex color 2C2B31.

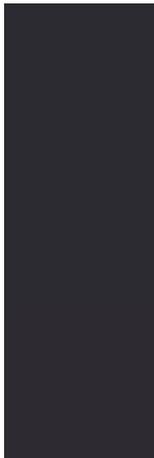


This preview shows how white text looks on a background with the Hex color 2C2B31.

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
2C2B31

Protanopia
2B2B31

Deuteranopia
2D2B31

Trichromacy



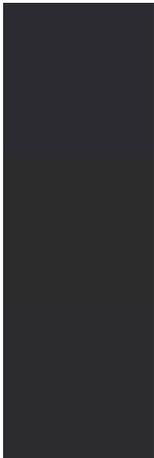
Original Color
2C2B31

Protanomaly
2B2B31

Deuteranomaly
2D2B31

Tritanomaly
2C2B30

Monochromacy



Original Color
2C2B31

Achromatopsia
2C2C2C

Achromatomaly
2C2C2E

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C2B31 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 #2C2B31 looks like.

```
.text, #text, p{  
    color:#2C2B31  
}
```

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 #2C2B31 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C2B31
}
```

Border

The CSS property to change the border of an element to Hex 2C2B31 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
#2C2B31 }
```

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

```
.border{ border-color:#2C2B31 }
```

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

Here you see how a box with a 4 pixel #2C2B31 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C2B31; -webkit-box-shadow:4px 4px  
4px 4px #2C2B31; box-shadow:4px 4px 4px  
4px #2C2B31 }
```

Background

The CSS property to change the background color of an element to Hex 2C2B31 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C2B31 }
```

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

```
.background{ background-color:#2C2B31 }
```

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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