

Converting Colors

Hex(2B2F31)

Have a look what the booklet for
Hex(2B2F31) contains.

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Color

Hex(2B2F31)

Conversions

Conversions Part 1

Format	Color
Hex	2B2F31
RGB	43, 47, 49
RGB Percent	17%, 18%, 19%
CMY	0.8314, 0.8157, 0.8078
CMYK	0.12, 0.04, 0.00, 0.81
HSL	200°, 7%, 18%
HSV	200°, 12%, 19%
XYZ	2.5672, 2.7684, 3.3048
YIQ	46.0320, -3.0260, -0.2260

Conversions

Conversions Part 2

Format	Color
R_{YB}	43, 45, 49
Decimal	2830129
CIE Lab	19.09, -1.24, -1.88
CIE LCh	19, 2.255, 236.686
Yxy	2.7684, 0.2971, 0.3204
Android (android.graphics.Color)	4281020209 (0xFF2B2F31)
YUV	46.0320, 1.4632, -2.6591
Hunter-Lab	16.6384, -1.5764, -0.1295

Details

The Hex color **2B2F31** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **312D2B**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **585D5F**, and **000001** is the 20% darker color. If you saturate the color by 10%, you get **262D31**, and if you desaturate by 10%, it is **303131**.

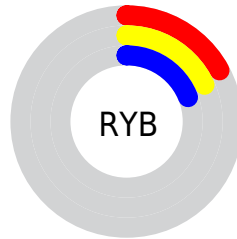
Distribution



Red (17%)

Green (18%)

Blue (19%)



Red (17%)

Yellow (18%)

Blue (19%)

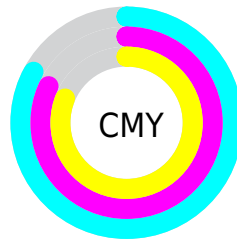


Cyan (12%)

Magenta (4%)

Yellow (0%)

Black (81%)



Cyan (83%)

Magenta (82%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B2F31 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 2B2F31 by changing the saturation by 10% instead.

■ 2B2F31

■ 2B2F31

FFFFFF

■ 171A1C

■ 585D5F

■ 000001

■ 717578

■ 000000

■ 8A8F91

■ A5A9AC

■ C0C5C7

■ DCE1E3

■ F8FDFF

■ 2B2F31

■ 2B2F31

■ 262D31

■ 303131

■ 212C31

■ 353231

■ 1C2A31

■ 3A3431

■ 172831

■ 3F3631

■ 132731

■ 443731

■ 0E2531

■ 483931

■ 092431

■ 4D3A31

■ 042231

■ 523C31

■ 002131

■ 573E31

Harmonies

Analogous

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



2A2F30



2B2F31



2D2F32

Triad

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



2B2F31



322D2F



2E2F2B

Complementary

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



2B2F31



312D2B

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.



302E2B



2B2F31



322D2D

Square

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



2B2F31



302E30



312E2C



2C2F2C

Rectangle

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



2B2F31



2E2E31



312E2C



2F2F2B

Sweetspot

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



2B2F31



3D3F40



2B312D



1F2121



A1A1A1



212121

Same Dimension

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



2B2F31



363D40



2B2C31



17191A



003B59



0090D9

Inverse Universe

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



312B2F



40363D



31302B



1A1719



59003B



D90090

Previews

White Background



This preview shows how the Hex color 2B2F31 looks on a white background.

Color Contrast Check

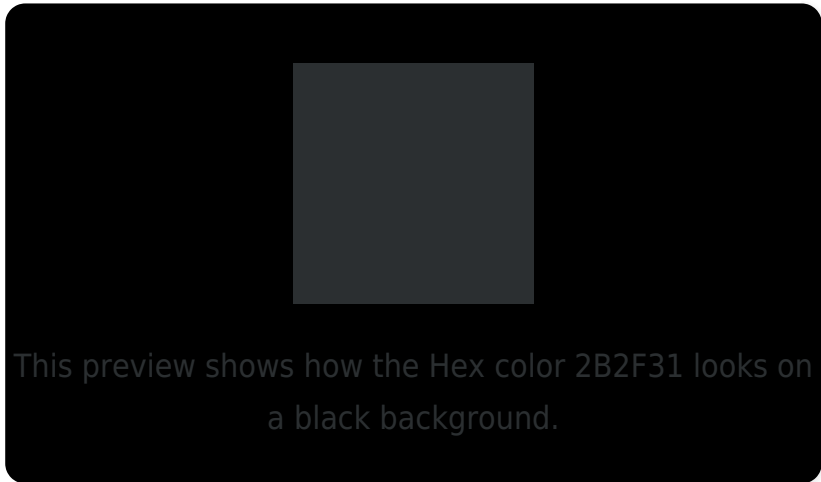
Large Text (above 18pt) WCAG AA ✓ Pass

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

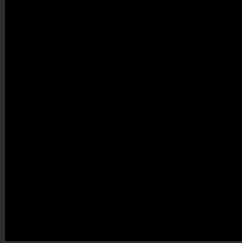
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

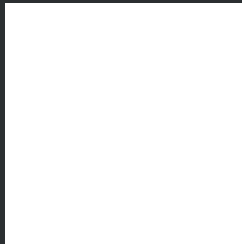
Any Text WCAG AAA × Fail

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

Hex 2B2F31 Background



This preview shows how black text looks on a background with the Hex color 2B2F31.

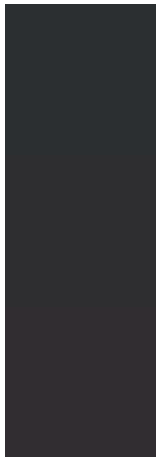


This preview shows how white text looks on a background with the Hex color 2B2F31.

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
2B2F31

Protanopia
2E2E30

Deuteranopia
312D31



Tritanopia
2B2F32

Trichromacy



Original Color

2B2F31

Protanomaly

2D2E30

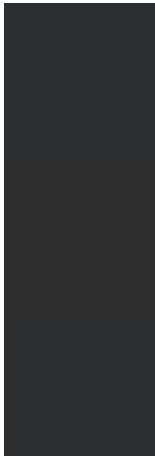
Deuteranomaly

2F2E31

Tritanomaly

2B2F32

Monochromacy



Original Color

2B2F31

Achromatopsia

2E2E2E

Achromatomaly

2D2E2F

CSS Examples

Text

The CSS property to change the color of the text to Hex 2B2F31 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 #2B2F31 looks like.

```
.text, #text, p{  
    color:#2B2F31  
}
```

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 #2B2F31 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B2F31
}
```

Border

The CSS property to change the border of an element to Hex 2B2F31 is called "border". The border property can be set on classes, ids or directly on the HTML element.

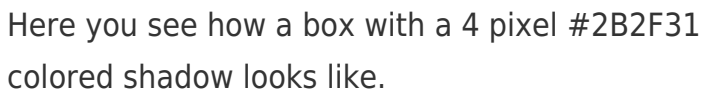
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2B2F31 }
```

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

```
.border{ border-color:#2B2F31 }
```

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



Here you see how a box with a 4 pixel #2B2F31 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B2F31; -webkit-box-shadow:4px 4px  
4px 4px #2B2F31; box-shadow:4px 4px 4px  
4px #2B2F31 }
```

Background

The CSS property to change the background color of an element to Hex 2B2F31 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B2F31 }
```

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

```
.background{ background-color:#2B2F31 }
```

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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