

Converting Colors

Hex(2B3031)

Have a look what the booklet for
Hex(2B3031) contains.

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Color

Hex(2B3031)

Conversions

Conversions Part 1

Format	Color
Hex	2B3031
RGB	43, 48, 49
RGB Percent	17%, 19%, 19%
CMY	0.8314, 0.8118, 0.8078
CMYK	0.12, 0.02, 0.00, 0.81
HSL	190°, 7%, 18%
HSV	190°, 12%, 19%
XYZ	2.6076, 2.8492, 3.3183
YIQ	46.6190, -3.3010, -0.7490

Conversions

Conversions Part 2

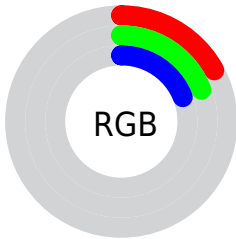
Format	Color
R_YB	43, 46, 49
Decimal	2830385
CIE Lab	19.43, -1.91, -1.39
CIE LCh	19, 2.362, 215.904
Yxy	2.8492, 0.2972, 0.3247
Android (android.graphics.Color)	4281020465 (0xFF2B3031)
YUV	46.6190, 1.1738, -3.1739
Hunter-Lab	16.8797, -1.9647, 0.1604

Details

The Hex color **2B3031** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **312C2B**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **585E5F**, and **000001** is the 20% darker color. If you saturate the color by 10%, you get **262F31**, and if you desaturate by 10%, it is **303131**.

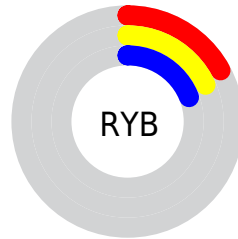
Distribution



Red (17%)

Green (19%)

Blue (19%)



Red (17%)

Yellow (18%)

Blue (19%)

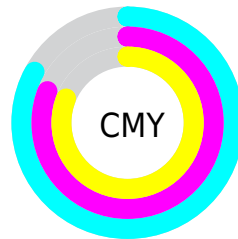


Cyan (12%)

Magenta (2%)

Yellow (0%)

Black (81%)



Cyan (83%)

Magenta (81%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B3031 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 2B3031 by changing the saturation by 10% instead.

■ 2B3031

■ 2B3031

FFFFFF

■ 171B1C

■ 585E5F

■ 000001

■ 717778

■ 000000

■ 8A9091

■ A5ABAC

■ C0C6C7

■ DCE2E3

■ F8FFFF

■ 2B3031

■ 2B3031

■ 262F31

■ 303131

■ 212E31

■ 353231

■ 1C2E31

■ 3A3231

■ 172D31

■ 3F3331

■ 132C31

■ 443431

■ 0E2B31

■ 483531

■ 092A31

■ 4D3631

■ 042931

■ 523731

■ 002931

■ 573731

Harmonies

Analogous

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



2B302F



2B3031



2C3032

Triad

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



2B3031



322E30



302F2C

Complementary

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



2B3031



312C2B

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.



322E2C



2B3031



332E2F

Square

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



2B3031



302F32



332E2D



2E302C

Rectangle

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



2B3031



2D2F32



332E2D



312F2C

Sweetspot

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



2B3031



3D3F40



2B312C



1F2121



A1A1A1



212121

Same Dimension

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



2B3031



363E40



2B2D31



17191A



004A59



00B5D9

Inverse Universe

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



312B30



40363E



312F2B



1A1719



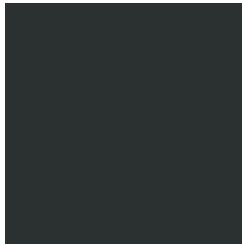
59004A



D900B5

Previews

White Background



This preview shows how the Hex color 2B3031 looks on a white background.

Color Contrast Check

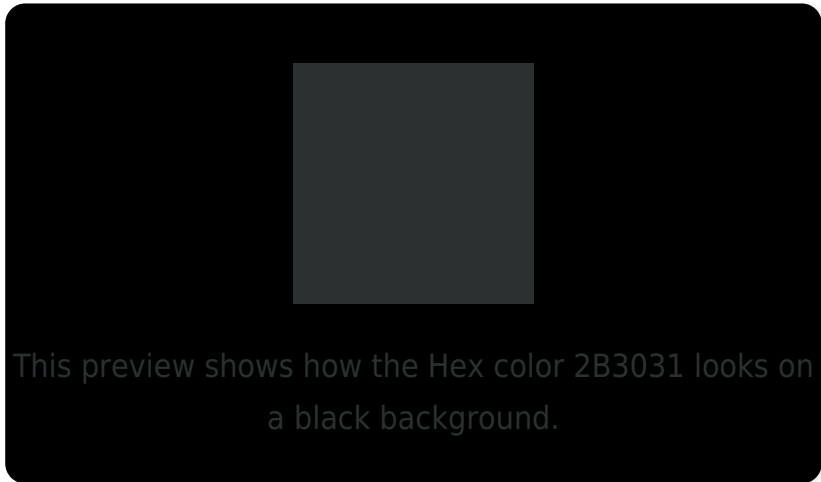
Large Text (above 18pt) WCAG AA ✓ Pass

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

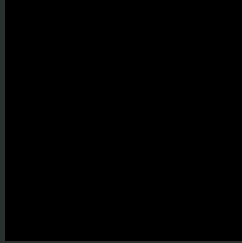
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

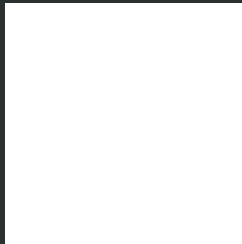
Any Text WCAG AAA × Fail

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

Hex 2B3031 Background



This preview shows how black text looks on a background with the Hex color 2B3031.

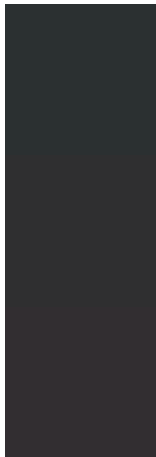


This preview shows how white text looks on a background with the Hex color 2B3031.

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](#).

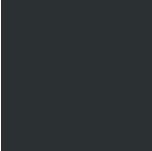
Dichromacy



Original Color
2B3031

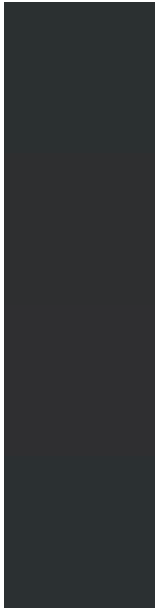
Protanopia
2F2F30

Deuteranopia
322E31



Tritanopia
2B3033

Trichromacy



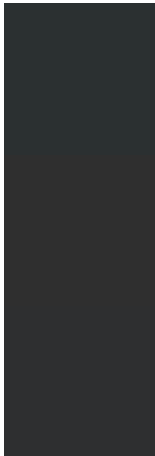
Original Color
2B3031

Protanomaly
2E2F30

Deuteranomaly
2F2F31

Tritanomaly
2B3032

Monochromacy



Original Color
2B3031

Achromatopsia
2F2F2F

Achromatomaly
2E2F30

CSS Examples

Text

The CSS property to change the color of the text to Hex 2B3031 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 #2B3031 looks like.

```
.text, #text, p{  
    color:#2B3031  
}
```

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 #2B3031 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B3031
}
```

Border

The CSS property to change the border of an element to Hex 2B3031 is called "border". The border property can be set on classes, ids or directly on the HTML element.

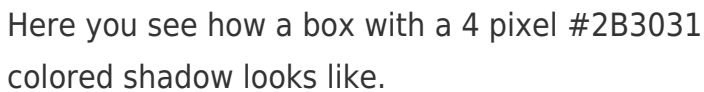
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2B3031 }
```

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

```
.border{ border-color:#2B3031 }
```

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



Here you see how a box with a 4 pixel #2B3031 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B3031; -webkit-box-shadow:4px 4px  
4px 4px #2B3031; box-shadow:4px 4px 4px  
4px #2B3031 }
```

Background

The CSS property to change the background color of an element to Hex 2B3031 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B3031 }
```

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

```
.background{ background-color:#2B3031 }
```

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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