

Converting Colors

Hex(2D3033)

Have a look what the booklet for
Hex(2D3033) contains.

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Color

Hex(2D3033)

Conversions

Conversions Part 1

Format	Color
Hex	2D3033
RGB	45, 48, 51
RGB Percent	18%, 19%, 20%
CMY	0.8235, 0.8118, 0.8000
CMYK	0.12, 0.06, 0.00, 0.80
HSL	210°, 6%, 19%
HSV	210°, 12%, 20%
XYZ	2.7367, 2.9108, 3.5496
YIQ	47.4450, -2.7510, 0.2970

Conversions

Conversions Part 2

Format	Color
RYB	45, 47, 51
Decimal	2961459
CIELab	19.68, -0.56, -2.37
CIELCh	20, 2.432, 256.759
Yxy	2.9108, 0.2976, 0.3165
Android (android.graphics.Color)	4281151539 (0xFF2D3033)
YUV	47.4450, 1.7526, -2.1443
Hunter-Lab	17.0611, -1.2247, -0.3926

Details

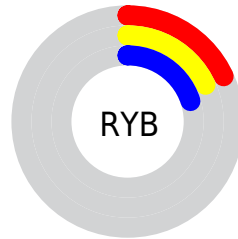
The Hex color **2D3033** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **33302D**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **5B5E61**, and **000004** is the 20% darker color. If you saturate the color by 10%, you get **282D33**, and if you desaturate by 10%, it is **323333**.

Distribution



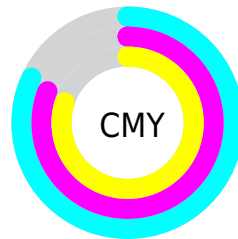
- Red (18%)
- Green (19%)
- Blue (20%)



- Red (18%)
- Yellow (18%)
- Blue (20%)



- Cyan (12%)
- Magenta (6%)
- Yellow (0%)
- Black (80%)



- Cyan (82%)
- Magenta (81%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D3033 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 2D3033 by changing the saturation by 10% instead.

■ 2D3033

■ 2D3033

FFFFFF

■ 181B1E

■ 5B5E61

■ 000004

■ 73777A

■ 000000

■ 8D9094

■ A7ABAE

■ C2C6CA

■ DEE2E6

■ FBFFFF

■ 2D3033

■ 2D3033

■ 282D33

■ 323333

■ 232B33

■ 373533

■ 1E2833

■ 3C3833

■ 192633

■ 413A33

■ 142333

■ 473D33

■ 0E2133

■ 4C3F33

■ 091E33

■ 514233

■ 041C33

■ 564433

■ 001A33

■ 5B4733

Harmonies

Analogous

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



2C3032



2D3033



2F2F33

Triad

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



2D3033



342E2F



2E302D

Complementary

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



2D3033



33302D

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.



30302C



2D3033



332F2D

Square

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



2D3033



332F30



322F2C



2C312F

Rectangle

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



2D3033



302F32



322F2C



2F302D

Sweetspot

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



2D3033



404142



2D3330



1F2021



A1A1A1



212121

Same Dimension

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



2D3033



393E42



2D2D33



17181A



002D59



006CD9

Inverse Universe

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



332D30



42393E



33332D



1A1718



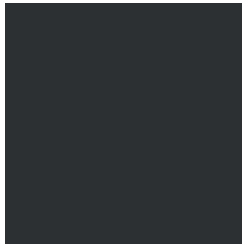
59002D



D9006C

Previews

White Background



This preview shows how the Hex color 2D3033 looks on a white background.

Color Contrast Check

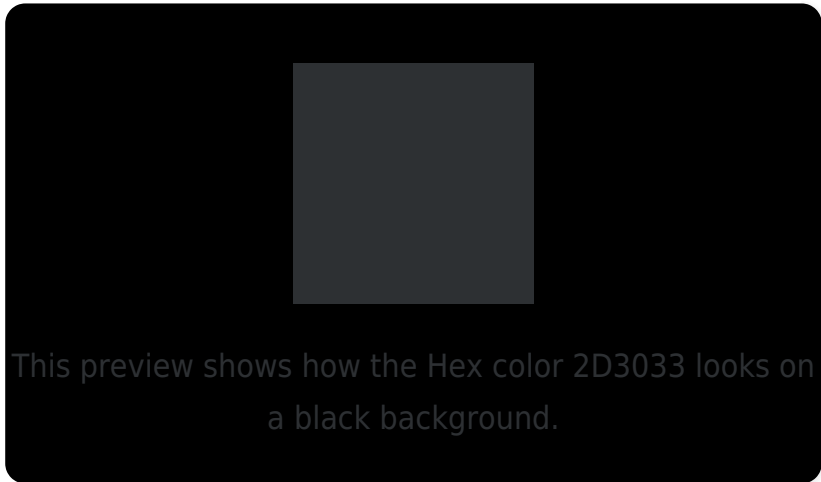
Large Text (above 18pt) WCAG AA ✓ Pass

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

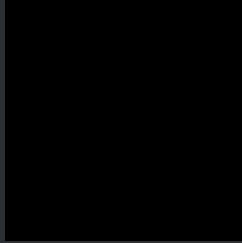
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

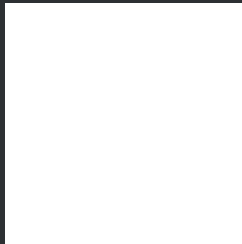
Any Text WCAG AAA × Fail

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

Hex 2D3033 Background



This preview shows how black text looks on a background with the Hex color 2D3033.

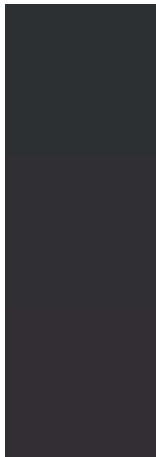


This preview shows how white text looks on a background with the Hex color 2D3033.

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
2D3033

Protanopia
302F33

Deuteranopia
322E33



Tritanopia
2D3034

Trichromacy



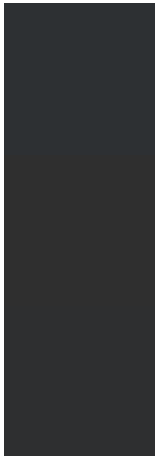
Original Color
2D3033

Protanomaly
2F2F33

Deuteranomaly
302F33

Tritanomaly
2D3034

Monochromacy



Original Color
2D3033

Achromatopsia
2F2F2F

Achromatomaly
2E2F30

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D3033 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 #2D3033 looks like.

```
.text, #text, p{  
  color:#2D3033  
}
```

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 #2D3033 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D3033
}
```

Border

The CSS property to change the border of an element to Hex 2D3033 is called "border". The border property can be set on classes, ids or directly on the HTML element.

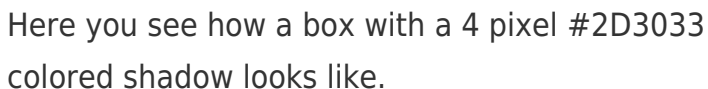
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2D3033 }
```

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

```
.border{ border-color:#2D3033 }
```

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



Here you see how a box with a 4 pixel #2D3033 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D3033; -webkit-box-shadow:4px 4px  
4px 4px #2D3033; box-shadow:4px 4px 4px  
4px #2D3033 }
```

Background

The CSS property to change the background color of an element to Hex 2D3033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D3033 }
```

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

```
.background{ background-color:#2D3033 }
```

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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