

Converting Colors

Hex(2D2930)

Have a look what the booklet for
Hex(2D2930) contains.

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Color

Hex(2D2930)

Conversions

Conversions Part 1

Format	Color
Hex	2D2930
RGB	45, 41, 48
RGB Percent	18%, 16%, 19%
CMY	0.8235, 0.8392, 0.8118
CMYK	0.06, 0.15, 0.00, 0.81
HSL	274°, 8%, 17%
HSV	274°, 15%, 19%
XYZ	2.4086, 2.3572, 3.1243
YIQ	42.9940, 0.1370, 3.0250

Conversions

Conversions Part 2

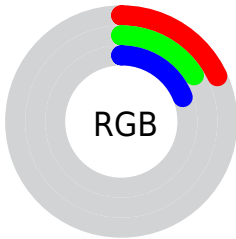
Format	Color
RYB	45, 41, 48
Decimal	2959664
CIELab	17.26, 3.50, -3.89
CIElCh	17, 5.230, 312.029
Yxy	2.3572, 0.3053, 0.2987
Android (android.graphics.Color)	4281149744 (0xFF2D2930)
YUV	42.9940, 2.4680, 1.7593
Hunter-Lab	15.3531, 1.1357, -1.3183

Details

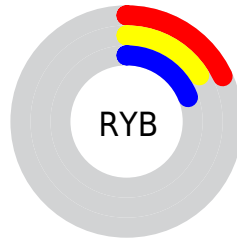
The Hex color **2D2930** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **2C3029**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **5B565E**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2B2430**, and if you desaturate by 10%, it is **2F2E30**.

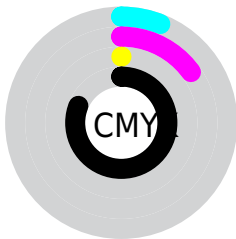
Distribution



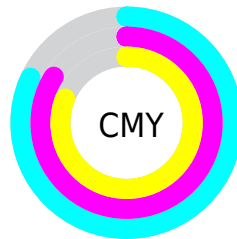
- Red (18%)
- Green (16%)
- Blue (19%)



- Red (18%)
- Yellow (16%)
- Blue (19%)



- Cyan (6%)
- Magenta (15%)
- Yellow (0%)
- Black (81%)



- Cyan (82%)
- Magenta (84%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D2930 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 2D2930 by changing the saturation by 10% instead.

■ 2D2930

■ 2D2930

FFFFFF

■ 18151B

■ 5B565E

■ 000000

■ 736E77

■ 8D8890

■ A7A2AB

■ C2BDC6

■ DED9E2

■ FBF5FF

■ 2D2930

■ 2D2930

■ 2B2430

■ 2F2E30

■ 291F30

■ 313330

■ 271B30

■ 333730

■ 251630

■ 353C30

■ 231130

■ 374130

■ 210C30

■ 394630

■ 1F0730

■ 3B4B30

■ 1D0330

■ 3D4F30

■ 1B0030

■ 405430

Harmonies

Analogous

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



282A32



2D2930



31282D

Triad

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



2D2930



302923



212D2C

Complementary

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



2D2930



2C3029

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.



242C28



2D2930



2C2B23

Square

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



2D2930



322826



282C25



212C2F

Rectangle

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



2D2930



32282A



282C25



222D2B

Sweetspot

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



2D2930



3C3B3D



292C30



1E1D1F



9E9E9E



1F1F1F

Same Dimension

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



2D2930



38323D



302930



161517



320057



7A00D6

Inverse Universe

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



30292C



3D3237



293029



171516



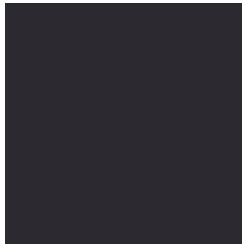
570025



D6005C

Previews

White Background



This preview shows how the Hex color 2D2930 looks on a white background.

Color Contrast Check

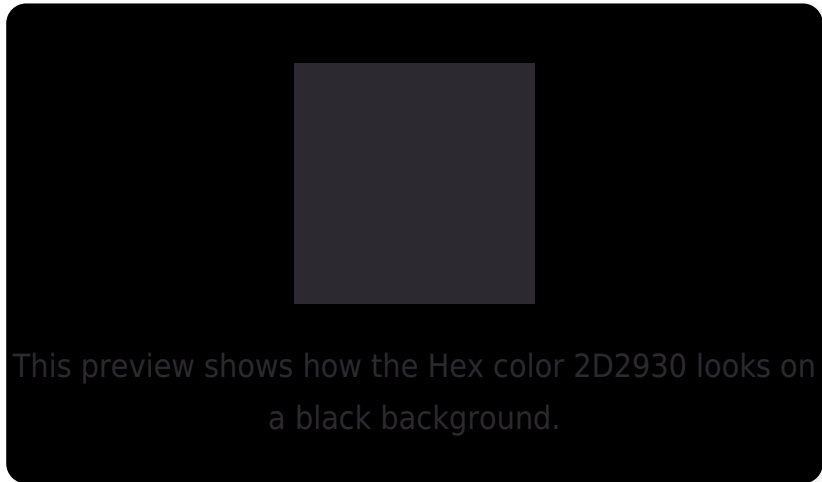
Large Text (above 18pt) WCAG AA ✓ Pass

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

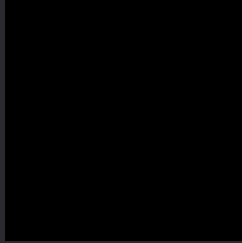
Any Text WCAG AA × Fail

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 2D2930 Background



This preview shows how black text looks on a background with the Hex color 2D2930.



This preview shows how white text looks on a background with the Hex color 2D2930.

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
2D2930

Protanopia
292A31

Deuteranopia
2C2930

Trichromacy



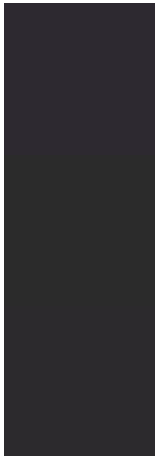
Original Color
2D2930

Protanomaly
2A2A31

Deuteranomaly
2C2930

Tritanomaly
2D2A2E

Monochromacy



Original Color
2D2930

Achromatopsia
2B2B2B

Achromatomaly
2C2A2D

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D2930 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 #2D2930 looks like.

```
.text, #text, p{  
    color:#2D2930  
}
```

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 #2D2930 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D2930
}
```

Border

The CSS property to change the border of an element to Hex 2D2930 is called "border". The border property can be set on classes, ids or directly on the HTML element.

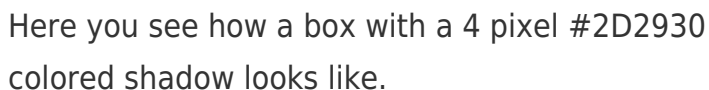
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2D2930 }
```

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

```
.border{ border-color:#2D2930 }
```

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



Here you see how a box with a 4 pixel #2D2930 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D2930; -webkit-box-shadow:4px 4px  
4px 4px #2D2930; box-shadow:4px 4px 4px  
4px #2D2930 }
```

Background

The CSS property to change the background color of an element to Hex 2D2930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D2930 }
```

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

```
.background{ background-color:#2D2930 }
```

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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