

Converting Colors

Hex(2B2936)

Have a look what the booklet for
Hex(2B2936) contains.

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Color

Hex(2B2936)

Conversions

Conversions Part 1

Format	Color
Hex	2B2936
RGB	43, 41, 54
RGB Percent	17%, 16%, 21%
CMY	0.8314, 0.8392, 0.7882
CMYK	0.20, 0.24, 0.00, 0.79
HSL	249°, 14%, 19%
HSV	249°, 24%, 21%
XYZ	2.4551, 2.3658, 3.8173
YIQ	43.0800, -2.9810, 4.4670

Conversions

Conversions Part 2

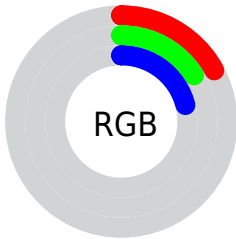
Format	Color
RYB	43, 41, 54
Decimal	2828598
CIELab	17.30, 4.26, -8.04
CIELCh	17, 9.104, 297.932
Yxy	2.3658, 0.2842, 0.2739
Android (android.graphics.Color)	4281018678 (0xFF2B2936)
YUV	43.0800, 5.3836, -0.0702
Hunter-Lab	15.3812, 1.5740, -3.9477

Details

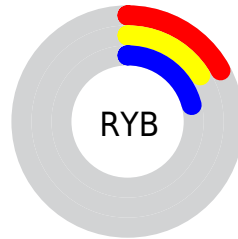
The Hex color **2B2936** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **343629**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **595665**, and **000008** is the 20% darker color. If you saturate the color by 10%, you get **262436**, and if you desaturate by 10%, it is **302E36**.

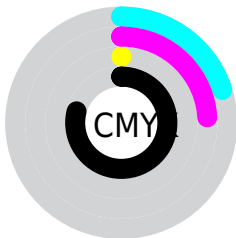
Distribution



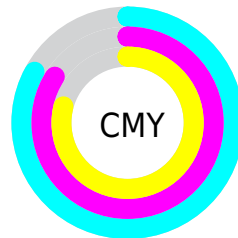
- Red (17%)
- Green (16%)
- Blue (21%)



- Red (17%)
- Yellow (16%)
- Blue (21%)



- Cyan (20%)
- Magenta (24%)
- Yellow (0%)
- Black (79%)



- Cyan (83%)
- Magenta (84%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B2936 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 2B2936 by changing the saturation by 10% instead.

■ 2B2936

■ 2B2936

FFFFFF

■ 161521

■ 595665

■ 000008

■ 716E7E

■ 000000

■ 8B8898

■ A5A2B2

■ C0BDCE

■ DCD9EA

■ F8F5FF

■ 2B2936

■ 2B2936

■ 262436

■ 302E36

■ 221E36

■ 343436

■ 1D1936

■ 393936

■ 191336

■ 3D3F36

■ 140E36

■ 424436

■ 100936

■ 464936

■ 0B0336

■ 4B4F36

■ 080036

■ 505436

■ 545A36

Harmonies

Analogous

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



222B37



2B2936



332732

Triad

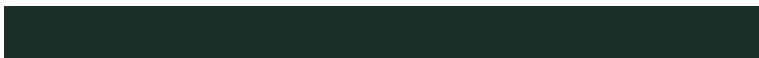
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



2B2936



352820



1B2E2A

Complementary

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



2B2936



343629

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.



212D23



2B2936



302A1E

Square

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



2B2936



382625



292C1F



182E30

Rectangle

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



2B2936



36262D



292C1F



1D2E28

Sweetspot

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



2B2936



434247



293436



212124



A3A3A3



242424

Same Dimension

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



2B2936



363347



312936



1A191C



0E005C



2200DB

Inverse Universe

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



362934



473344



2E3629



1C191C



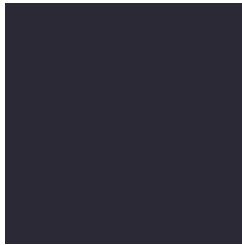
5C004E



DB00BA

Previews

White Background



This preview shows how the Hex color 2B2936 looks on a white background.

Color Contrast Check

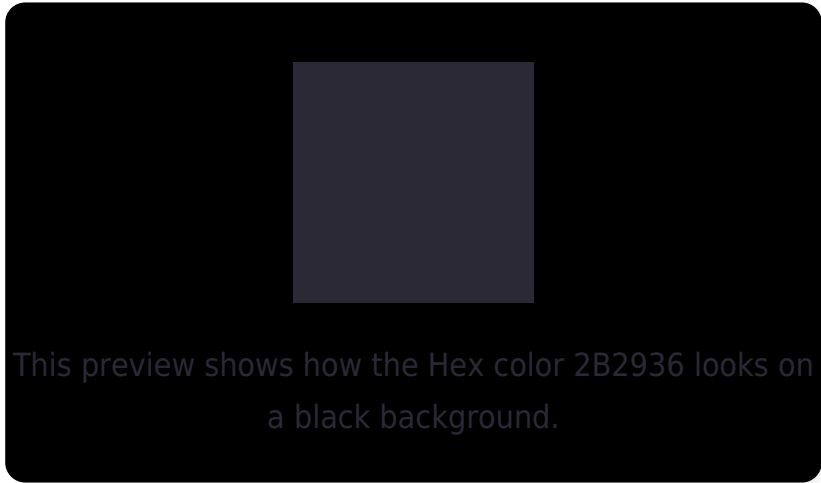
Large Text (above 18pt) WCAG AA ✓ Pass

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

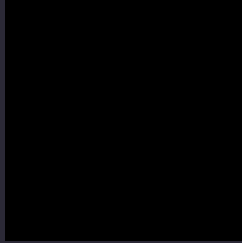
Any Text WCAG AA × Fail

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 2B2936 Background



This preview shows how black text looks on a background with the Hex color 2B2936.



This preview shows how white text looks on a background with the Hex color 2B2936.

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
2B2936

Protanopia
272A37

Deuteranopia
292A36

Trichromacy



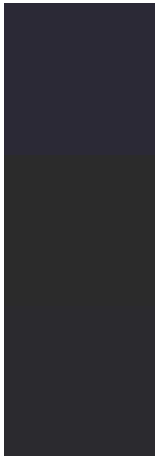
Original Color
2B2936

Protanomaly
282A37

Deuteranomaly
2A2A36

Tritanomaly
2A2A31

Monochromacy



Original Color
2B2936

Achromatopsia
2B2B2B

Achromatomaly
2B2A2F

CSS Examples

Text

The CSS property to change the color of the text to Hex 2B2936 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 #2B2936 looks like.

```
.text, #text, p{  
    color:#2B2936  
}
```

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 #2B2936 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B2936
}
```

Border

The CSS property to change the border of an element to Hex 2B2936 is called "border". The border property can be set on classes, ids or directly on the HTML element.

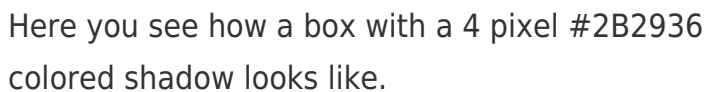
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2B2936 }
```

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

```
.border{ border-color:#2B2936 }
```

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



Here you see how a box with a 4 pixel #2B2936 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B2936; -webkit-box-shadow:4px 4px  
4px 4px #2B2936; box-shadow:4px 4px 4px  
4px #2B2936 }
```

Background

The CSS property to change the background color of an element to Hex 2B2936 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B2936 }
```

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

```
.background{ background-color:#2B2936 }
```

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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