

Converting Colors

Hex(2E2E33)

Have a look what the booklet for
Hex(2E2E33) contains.

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Color

Hex(2E2E33)

Conversions

Conversions Part 1

Format	Color
Hex	2E2E33
RGB	46, 46, 51
RGB Percent	18%, 18%, 20%
CMY	0.8196, 0.8196, 0.8000
CMYK	0.10, 0.10, 0.00, 0.80
HSL	240°, 5%, 19%
HSV	240°, 10%, 20%
XYZ	2.7012, 2.7738, 3.5250
YIQ	46.5700, -1.6050, 1.5550

Conversions

Conversions Part 2

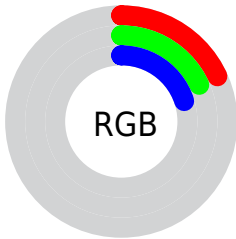
Format	Color
RYB	46, 46, 51
Decimal	3026483
CIELab	19.11, 1.23, -3.20
CIElCh	19, 3.429, 291.020
Yxy	2.7738, 0.3001, 0.3082
Android (android.graphics.Color)	4281216563 (0xFF2E2E33)
YUV	46.5700, 2.1840, -0.4999
Hunter-Lab	16.6549, -0.1952, -0.8903

Details

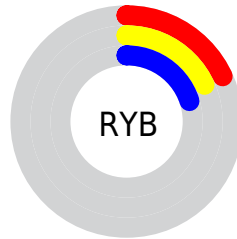
The Hex color **2E2E33** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **33332E**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **5C5C61**, and **000004** is the 20% darker color. If you saturate the color by 10%, you get **292933**, and if you desaturate by 10%, it is **333333**.

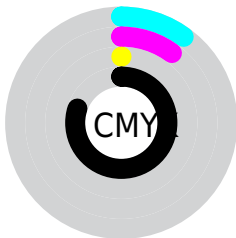
Distribution



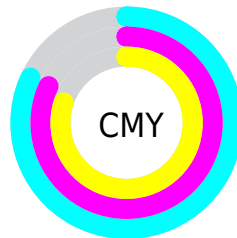
- Red (18%)
- Green (18%)
- Blue (20%)



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



- Cyan (10%)
- Magenta (10%)
- Yellow (0%)
- Black (80%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 2E2E33 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 2E2E33 by changing the saturation by 10% instead.

■ 2E2E33

■ 2E2E33

FFFFFF

■ 19191E

■ 5C5C61

■ 000004

■ 74747A

■ 000000

■ 8E8E94

■ A8A8AE

■ C3C3CA

■ DFD FE6

■ FCFCFF

■ 2E2E33

■ 2E2E33

■ 292933

■ 333333

■ 242433

■ 383833

■ 1F1F33

■ 3D3D33

■ 1A1A33

■ 424233

■ 141433

■ 484833

■ 0F0F33

■ 4D4D33

■ 0A0A33

■ 525233

■ 050533

■ 575733

■ 000033

■ 5C5C33

Harmonies

Analogous

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



2B2F33



2E2E33



312D32

Triad

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



2E2E33



332D2B



29302E

Complementary

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



2E2E33



33332E

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.



2C2F2B



2E2E33



312E2A

Square

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



2E2E33



342D2D



2F2F2A



283030

Rectangle

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



2E2E33



332D30



2F2F2A



2A302D

Sweetspot

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



2E2E33



404042



2E3333



202021



A1A1A1



212121

Same Dimension

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



2E2E33



3A3A42



312E33



17171A



000059



0000D9

Inverse Universe

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



332E33



423A42



31332E



1A171A



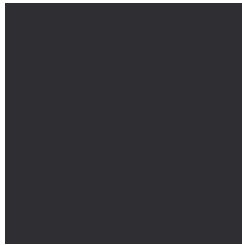
590059



D900D9

Previews

White Background



This preview shows how the Hex color 2E2E33 looks on a white background.

Color Contrast Check

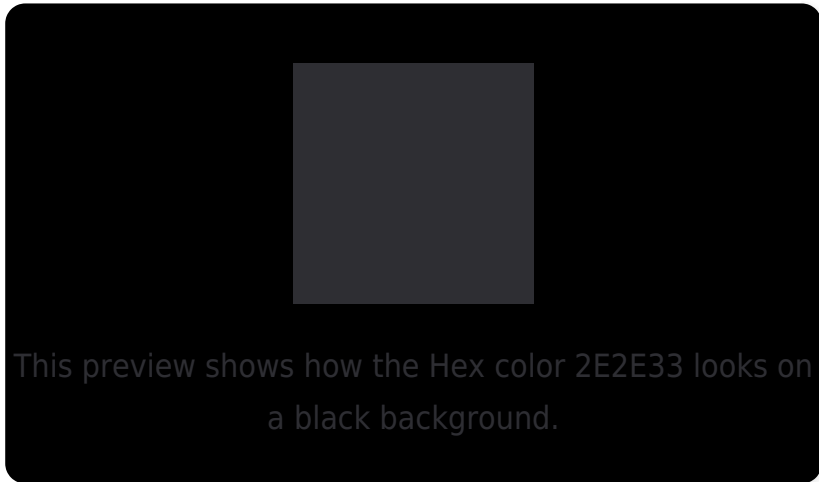
Large Text (above 18pt) WCAG AA ✓ Pass

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

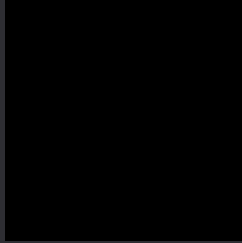
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

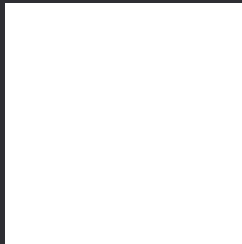
Any Text WCAG AAA × Fail

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

Hex 2E2E33 Background



This preview shows how black text looks on a background with the Hex color 2E2E33.



This preview shows how white text looks on a background with the Hex color 2E2E33.

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
2E2E33

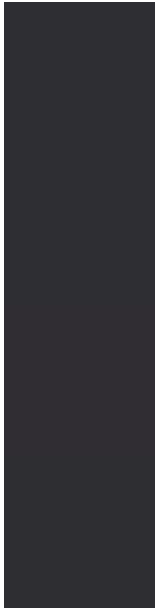
Protanopia
2E2E33

Deuteranopia
312D33



Tritanopia
2E2E32

Trichromacy



Original Color

2E2E33

Protanomaly

2E2E33

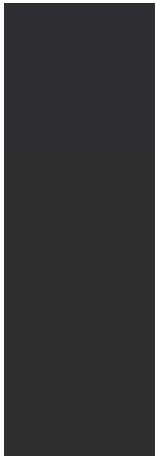
Deuteranomaly

302D33

Tritanomaly

2E2E32

Monochromacy



Original Color

2E2E33

Achromatopsia

2F2F2F

Achromatomaly

2F2F30

CSS Examples

Text

The CSS property to change the color of the text to Hex 2E2E33 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 #2E2E33 looks like.

```
.text, #text, p{  
    color:#2E2E33  
}
```

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 #2E2E33 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E2E33
}
```

Border

The CSS property to change the border of an element to Hex 2E2E33 is called "border". The border property can be set on classes, ids or directly on the HTML element.

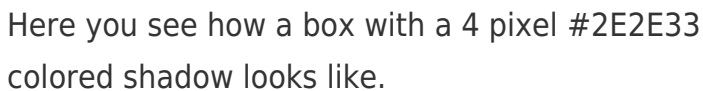
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2E2E33 }
```

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

```
.border{ border-color:#2E2E33 }
```

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



Here you see how a box with a 4 pixel #2E2E33 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E2E33; -webkit-box-shadow:4px 4px  
4px 4px #2E2E33; box-shadow:4px 4px 4px  
4px #2E2E33 }
```

Background

The CSS property to change the background color of an element to Hex 2E2E33 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E2E33 }
```

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

```
.background{ background-color:#2E2E33 }
```

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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