

Converting Colors

Hex(2E2E38)

Have a look what the booklet for
Hex(2E2E38) contains.

Hex(2E2E38)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(2E2E38)

Conversions

Conversions Part 1

Format	Color
Hex	2E2E38
RGB	46, 46, 56
RGB Percent	18%, 18%, 22%
CMY	0.8196, 0.8196, 0.7804
CMYK	0.18, 0.18, 0.00, 0.78
HSL	240°, 10%, 20%
HSV	240°, 18%, 22%
XYZ	2.8175, 2.8204, 4.1373
YIQ	47.1400, -3.2100, 3.1100

Conversions

Conversions Part 2

Format	Color
RYB	46, 46, 56
Decimal	3026488
CIELab	19.31, 2.55, -6.36
CIELCh	19, 6.850, 291.828
Yxy	2.8204, 0.2882, 0.2885
Android (android.graphics.Color)	4281216568 (0xFF2E2E38)
YUV	47.1400, 4.3680, -0.9998
Hunter-Lab	16.7939, 0.5576, -2.8506

Details

The Hex color **2E2E38** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **38382E**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **5C5C67**, and **00000C** is the 20% darker color. If you saturate the color by 10%, you get **282838**, and if you desaturate by 10%, it is **343438**.

Distribution



Red (18%)

Green (18%)

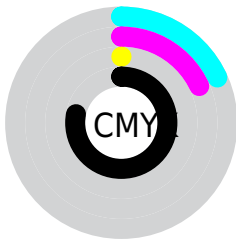
Blue (22%)



Red (18%)

Yellow (18%)

Blue (22%)

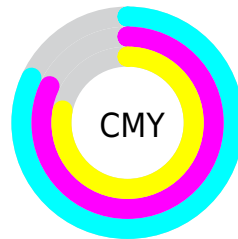


Cyan (18%)

Magenta (18%)

Yellow (0%)

Black (78%)



Cyan (82%)

Magenta (82%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E2E38 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 2E2E38 by changing the saturation by 10% instead.



2E2E38



2E2E38

FFFFFF



191923



5C5C67



00000C



747480



000000



8E8E9A



A8A8B5



C4C3D0



E0DFEC



FCFCFF



2E2E38



2E2E38

■ 282838

■ 343438

■ 232338

■ 393938

■ 1D1D38

■ 3F3F38

■ 181838

■ 444438

■ 121238

■ 4A4A38

■ 0C0C38

■ 505038

■ 070738

■ 555538

■ 010138

■ 5B5B38

■ 000038

■ 606038

Harmonies

Analogous

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



283039



2E2E38



342C35

Triad

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



2E2E38



382C27



24322D

Complementary

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



2E2E38



38382E

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.



293129



2E2E38



342E25

Square

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



2E2E38



392B2B



2F3026



223232

Rectangle

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



2E2E38



372C32



2F3026



26312C

Sweetspot

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



2E2E38



46464A



2E3838



242426



A6A6A6



262626

Same Dimension

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



2E2E38



3A3A4A



332E38



19191C



00005C



0000DB

Inverse Universe

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



382E38



4A3A4A



33382E



1C191C



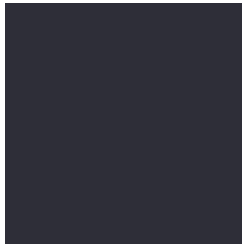
5C005C



DB00DB

Previews

White Background



This preview shows how the Hex color 2E2E38 looks on a white background.

Color Contrast Check

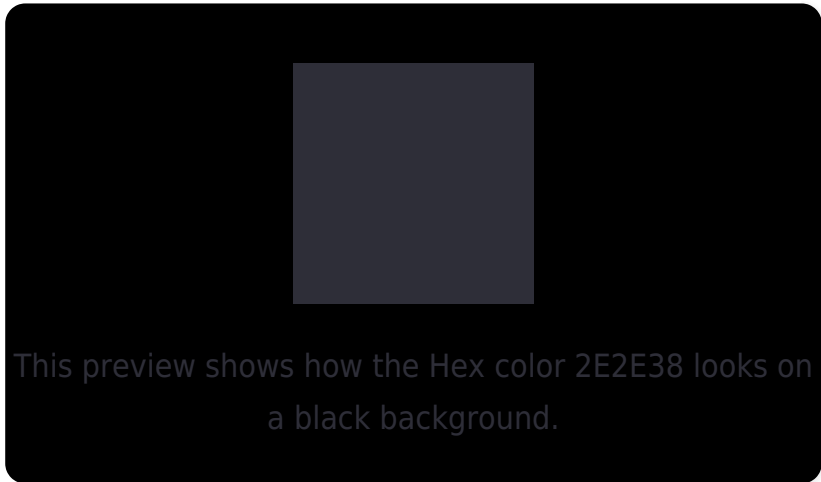
Large Text (above 18pt) WCAG AA ✓ Pass

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

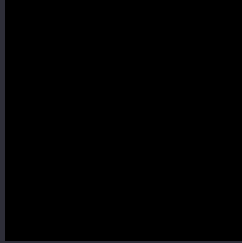
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

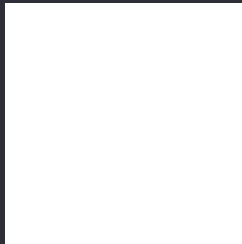
Any Text WCAG AAA × Fail

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

Hex 2E2E38 Background



This preview shows how black text looks on a background with the Hex color 2E2E38.



This preview shows how white text looks on a background with the Hex color 2E2E38.

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

2E2E38

Protanopia

2D2E38

Deuteranopia

2F2E38



Tritanopia
2D2F33

Trichromacy



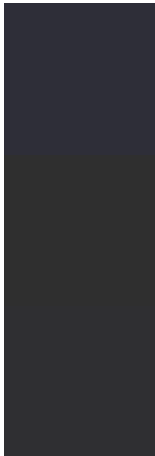
Original Color
2E2E38

Protanomaly
2D2E38

Deuteranomaly
2F2E38

Tritanomaly
2D2F35

Monochromacy



Original Color
2E2E38

Achromatopsia
2F2F2F

Achromatomaly
2F2F32

CSS Examples

Text

The CSS property to change the color of the text to Hex 2E2E38 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 #2E2E38 looks like.

```
.text, #text, p{  
    color:#2E2E38  
}
```

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 #2E2E38 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E2E38
}
```

Border

The CSS property to change the border of an element to Hex 2E2E38 is called "border". The border property can be set on classes, ids or directly on the HTML element.

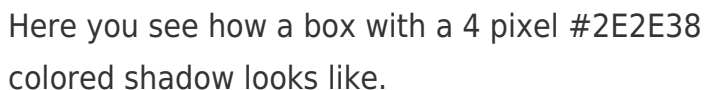
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2E2E38 }
```

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

```
.border{ border-color:#2E2E38 }
```

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



Here you see how a box with a 4 pixel #2E2E38 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E2E38; -webkit-box-shadow:4px 4px  
4px 4px #2E2E38; box-shadow:4px 4px 4px  
4px #2E2E38 }
```

Background

The CSS property to change the background color of an element to Hex 2E2E38 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E2E38 }
```

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

```
.background{ background-color:#2E2E38 }
```

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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