

Converting Colors

Hex(2E3932)

Have a look what the booklet for
Hex(2E3932) contains.

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Color

Hex(2E3932)

Conversions

Conversions Part 1

Format	Color
Hex	2E3932
RGB	46, 57, 50
RGB Percent	18%, 22%, 20%
CMY	0.8196, 0.7765, 0.8039
CMYK	0.19, 0.00, 0.12, 0.78
HSL	142°, 11%, 20%
HSV	142°, 19%, 22%
XYZ	3.1656, 3.7374, 3.5722
YIQ	52.9130, -4.3090, -4.5090

Conversions

Conversions Part 2

Format	Color
RYB	46, 54, 57
Decimal	3029298
CIELab	22.78, -6.30, 2.84
CIElCh	23, 6.912, 155.717
Yxy	3.7374, 0.3022, 0.3568
Android (android.graphics.Color)	4281219378 (0xFF2E3932)
YUV	52.9130, -1.4361, -6.0627
Hunter-Lab	19.3323, -4.6031, 2.5772

Details

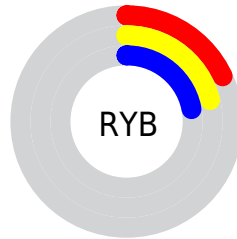
The Hex color **2E3932** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **392E35**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **5C6860**, and **000E03** is the 20% darker color. If you saturate the color by 10%, you get **28392E**, and if you desaturate by 10%, it is **343936**.

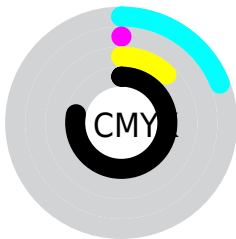
Distribution



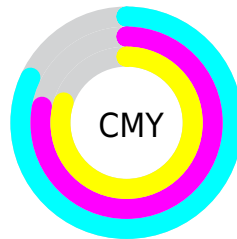
- Red (18%)
- Green (22%)
- Blue (20%)



- Red (18%)
- Yellow (21%)
- Blue (22%)



- Cyan (19%)
- Magenta (0%)
- Yellow (12%)
- Black (78%)



- Cyan (82%)
- Magenta (78%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E3932 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 2E3932 by changing the saturation by 10% instead.

■ 2E3932

■ 2E3932

FFFFFF

■ 19231D

■ 5C6860

■ 000E03

■ 758179

■ 000000

■ 8E9B93

■ A9B6AD

■ C4D2C9

■ E0EEE5

■ FCFFFF

■ 2E3932

■ 2E3932

■ 28392E

■ 343936

■ 23392B

■ 393939

■ 1D3927

■ 3F393D

■ 173923

■ 453941

■ 113920

■ 4A3944

■ 0C391C

■ 503948

■ 063919

■ 56394B

■ 003915

■ 5C394F

■ 613953

Harmonies

Analogous

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



34382E



2E3932



2A3937

Triad

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



2E3932



323641



413331

Complementary

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



2E3932



392E35

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.



413336



2E3932



39353F

Square

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



2E3932



2C3840



3E333B



3E352D

Rectangle

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



2E3932



29393B



3E333B



413332

Sweetspot

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



2E3932



464A47



35392E



242625



A6A6A6



262626

Same Dimension

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



2E3932



394A3F



2E3937



191C1A



005C21



00DB50

Inverse Universe

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



392E35



4A3944



392E30



1C191B



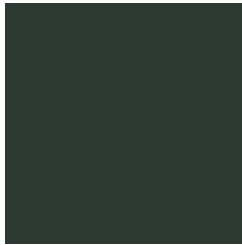
5C003A



DB008C

Previews

White Background



This preview shows how the Hex color 2E3932 looks on a white background.

Color Contrast Check

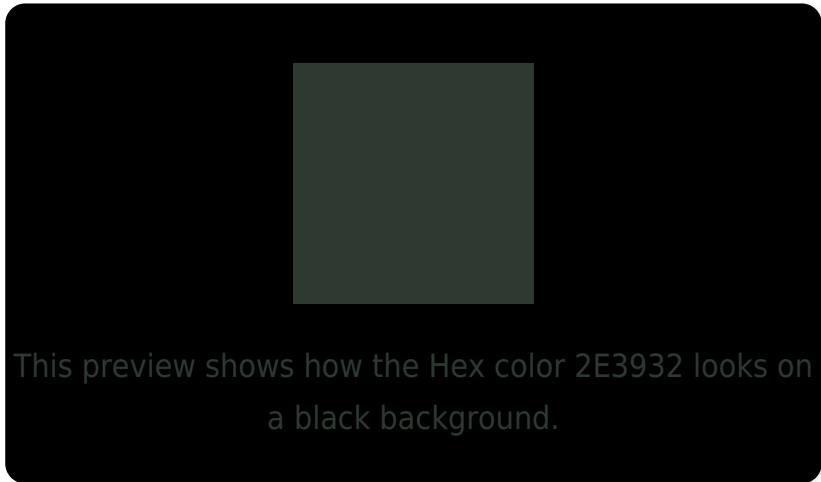
Large Text (above 18pt) WCAG AA ✓ Pass

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

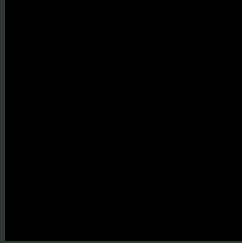
Any Text WCAG AA × Fail

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 2E3932 Background



This preview shows how black text looks on a background with the Hex color 2E3932.

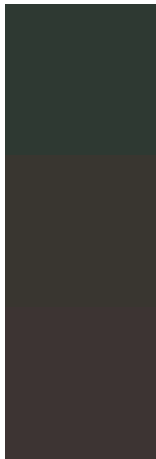


This preview shows how white text looks on a background with the Hex color 2E3932.

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](#).

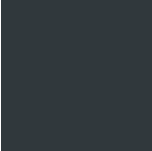
Dichromacy



Original Color
2E3932

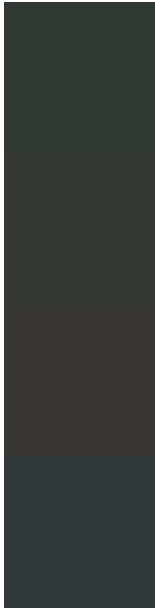
Protanopia
393630

Deuteranopia
3D3433



Tritanopia
30383C

Trichromacy



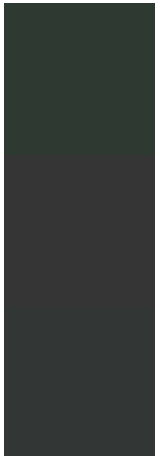
Original Color
2E3932

Protanomaly
353731

Deuteranomaly
383633

Tritanomaly
2F3838

Monochromacy



Original Color
2E3932

Achromatopsia
353535

Achromatomaly
323634

CSS Examples

Text

The CSS property to change the color of the text to Hex 2E3932 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 #2E3932 looks like.

```
.text, #text, p{  
    color:#2E3932  
}
```

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 #2E3932 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E3932
}
```

Border

The CSS property to change the border of an element to Hex 2E3932 is called "border". The border property can be set on classes, ids or directly on the HTML element.

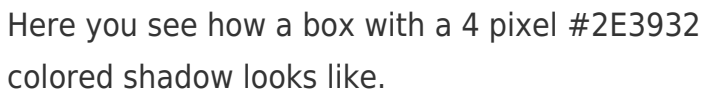
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2E3932 }
```

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

```
.border{ border-color:#2E3932 }
```

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



Here you see how a box with a 4 pixel #2E3932 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E3932; -webkit-box-shadow:4px 4px  
4px 4px #2E3932; box-shadow:4px 4px 4px  
4px #2E3932 }
```

Background

The CSS property to change the background color of an element to Hex 2E3932 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E3932 }
```

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

```
.background{ background-color:#2E3932 }
```

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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