

Converting Colors

Hex(2E3D3A)

Have a look what the booklet for
Hex(2E3D3A) contains.

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Color

Hex(2E3D3A)

Conversions

Conversions Part 1

Format	Color
Hex	2E3D3A
RGB	46, 61, 58
RGB Percent	18%, 24%, 23%
CMY	0.8196, 0.7608, 0.7725
CMYK	0.25, 0.00, 0.05, 0.76
HSL	168°, 14%, 21%
HSV	168°, 25%, 24%
XYZ	3.5592, 4.2238, 4.6307
YIQ	56.1730, -7.9770, -4.1130

Conversions

Conversions Part 2

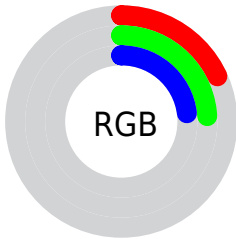
Format	Color
R_{YB}	46, 54, 61
Decimal	3030330
CIE Lab	24.40, -6.85, -0.16
CIE LCh	24, 6.852, 181.333
Yxy	4.2238, 0.2867, 0.3403
Android (android.graphics.Color)	4281220410 (0xFF2E3D3A)
YUV	56.1730, 0.9007, -8.9217
Hunter-Lab	20.5519, -5.0533, 1.0274

Details

The Hex color **2E3D3A** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3D2E31**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **5C6C69**, and **00130F** is the 20% darker color. If you saturate the color by 10%, you get **283D39**, and if you desaturate by 10%, it is **343D3B**.

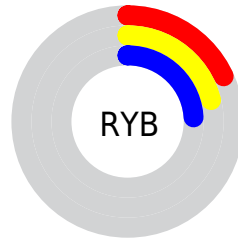
Distribution



Red (18%)

Green (24%)

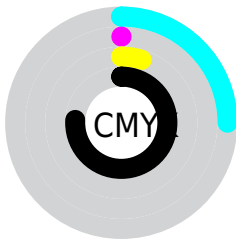
Blue (23%)



Red (18%)

Yellow (21%)

Blue (24%)

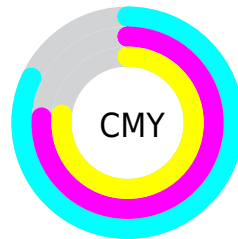


Cyan (25%)

Magenta (0%)

Yellow (5%)

Black (76%)



Cyan (82%)

Magenta (76%)

Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E3D3A 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 2E3D3A by changing the saturation by 10% instead.

■ 2E3D3A

■ 2E3D3A

FFFFFF

■ 192724

■ 5C6C69

■ 00130F

■ 758682

■ 000000

■ 8FA09C

■ A9BBB7

■ C4D7D3

■ E0F3EF

■ FFFFFFFF

■ 2E3D3A

■ 2E3D3A

■ 283D39

■ 343D3B

■ 223D38

■ 3A3D3C

■ 1C3D36

■ 403D3E

■ 163D35

■ 463D3F

■ 0F3D34

■ 4D3D40

■ 093D33

■ 533D41

■ 033D31

■ 593D43

■ 003D31

■ 5F3D44

■ 653D45

Harmonies

Analogous

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



323C35



2E3D3A



2D3D3F

Triad

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



2E3D3A



3B3943



423831

Complementary

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



2E3D3A



3D2E31

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.



453735



2E3D3A



41373F

Square

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



2E3D3A



353A44



44363A



3E3A30

Rectangle

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



2E3D3A



2E3C42



44363A



433832

Sweetspot

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



2E3D3A



4A4F4E



313D2E



262928



A8A8A8



292929

Same Dimension

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



2E3D3A



374F4A



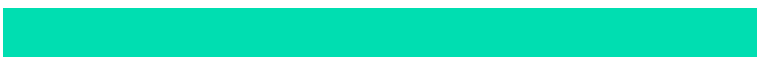
2E393D



1C1F1E



005E4B



00DEB1

Inverse Universe

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



3D2E31



4F373C



3D332E



1F1C1C



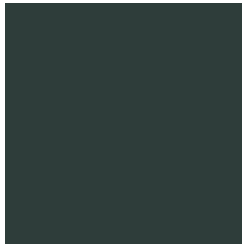
5E0013



DE002C

Previews

White Background



This preview shows how the Hex color 2E3D3A looks on a white background.

Color Contrast Check

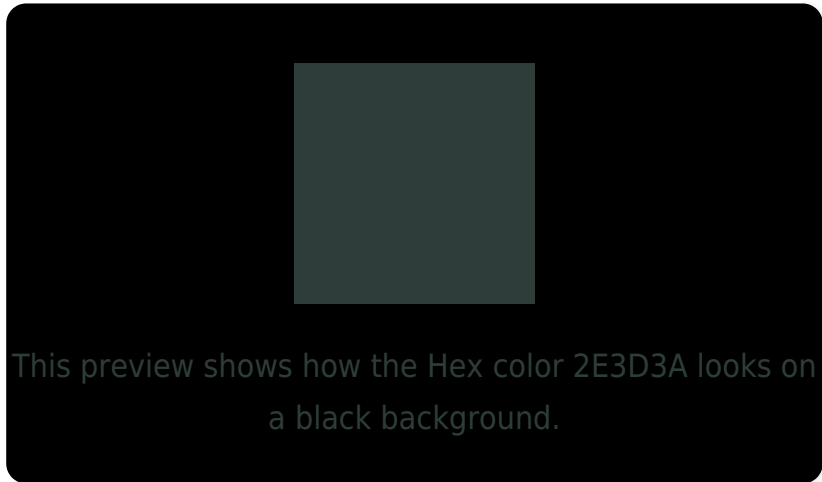
Large Text (above 18pt) WCAG AA ✓ Pass

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

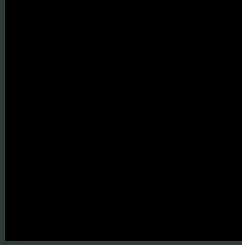
Any Text WCAG AA × Fail

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 2E3D3A Background



This preview shows how black text looks on a background with the Hex color 2E3D3A.

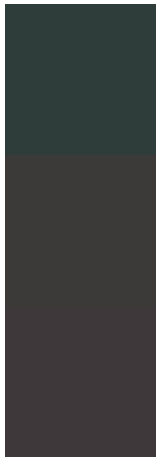


This preview shows how white text looks on a background with the Hex color 2E3D3A.

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
2E3D3A

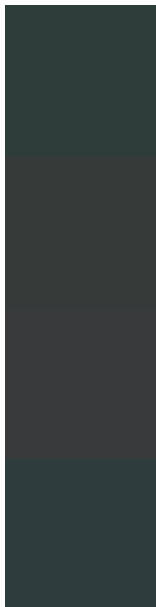
Protanopia
3B3A38

Deuteranopia
3F383B



Tritanopia
2F3C41

Trichromacy



Original Color

2E3D3A

Protanomaly

363B39

Deuteranomaly

393A3B

Tritanomaly

2F3C3E

Monochromacy



Original Color

2E3D3A

Achromatopsia

383838

Achromatomaly

343A39

CSS Examples

Text

The CSS property to change the color of the text to Hex 2E3D3A 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 #2E3D3A looks like.

```
.text, #text, p{  
    color:#2E3D3A  
}
```

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 #2E3D3A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E3D3A
}
```

Border

The CSS property to change the border of an element to Hex 2E3D3A 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
#2E3D3A }
```

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

```
.border{ border-color:#2E3D3A }
```

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

Here you see how a box with a 4 pixel #2E3D3A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E3D3A; -webkit-box-shadow:4px 4px  
4px 4px #2E3D3A; box-shadow:4px 4px 4px  
4px #2E3D3A }
```

Background

The CSS property to change the background color of an element to Hex 2E3D3A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E3D3A }
```

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

```
.background{ background-color:#2E3D3A }
```

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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