

Converting Colors

Hex(2E243A)

Have a look what the booklet for
Hex(2E243A) contains.

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Color

Hex(2E243A)

Conversions

Conversions Part 1

Format	Color
Hex	2E243A
RGB	46, 36, 58
RGB Percent	18%, 14%, 23%
CMY	0.8196, 0.8588, 0.7725
CMYK	0.21, 0.38, 0.00, 0.77
HSL	267°, 23%, 18%
HSV	267°, 38%, 23%
XYZ	2.5213, 2.1481, 4.2847
YIQ	41.4980, -1.1020, 8.9620

Conversions

Conversions Part 2

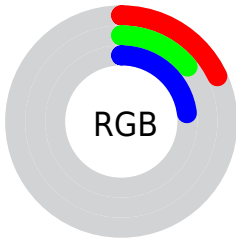
Format	Color
RYB	46, 36, 58
Decimal	3023930
CIELab	16.25, 10.13, -12.43
CIELCh	16, 16.034, 309.170
Yxy	2.1481, 0.2816, 0.2399
Android (android.graphics.Color)	4281214010 (0xFF2E243A)
YUV	41.4980, 8.1355, 3.9483
Hunter-Lab	14.6563, 5.0585, -7.0738

Details

The Hex color **2E243A** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **303A24**, and the grayscale version is **292929**.

A 20% lighter version of the original color is **5C5169**, and **00010E** is the 20% darker color. If you saturate the color by 10%, you get **2B1E3A**, and if you desaturate by 10%, it is **312A3A**.

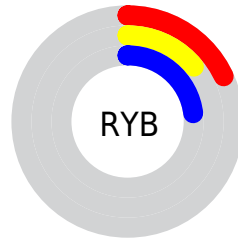
Distribution



Red (18%)

Green (14%)

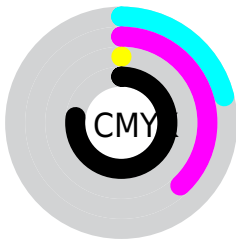
Blue (23%)



Red (18%)

Yellow (14%)

Blue (23%)

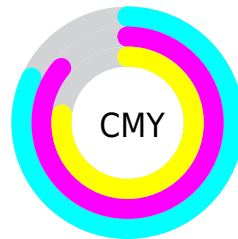


Cyan (21%)

Magenta (38%)

Yellow (0%)

Black (77%)



Cyan (82%)

Magenta (86%)

Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E243A 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 2E243A by changing the saturation by 10% instead.

■ 2E243A

■ 2E243A

FFFFFF

■ 190F24

■ 5C5169

■ 00010E

■ 756982

■ 000000

■ 8F829C

■ A99CB7

■ C4B7D3

■ E1D2EF

■ FDEFFF

■ 2E243A

■ 2E243A

■ 2B1E3A

■ 312A3A

■ 28183A

■ 34303A

■ 25133A

■ 37353A

■ 210D3A

■ 3B3B3A

■ 1E073A

■ 3E413A

■ 1B013A

■ 41473A

■ 1A003A

■ 444D3A

■ 47523A

■ 4A583A

Harmonies

Analogous

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



1D283F



2E243A



392031

Triad

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



2E243A



362513



002E2C

Complementary

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



2E243A



303A24

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.



112E20



2E243A



2C2911

Square

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



2E243A



3D211A



202C16



002E36

Rectangle

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



2E243A



3D1F29



202C16



042E28

Sweetspot

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



2E243A



48444D



24303A



242126



A6A6A6



262626

Same Dimension

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



2E243A



39294D



39243A



1B191C



2A005C



6400DB

Inverse Universe

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



3A2430



4D293D



253A24



1C191B



5C0032



DB0078

Previews

White Background



This preview shows how the Hex color 2E243A looks on a white background.

Color Contrast Check

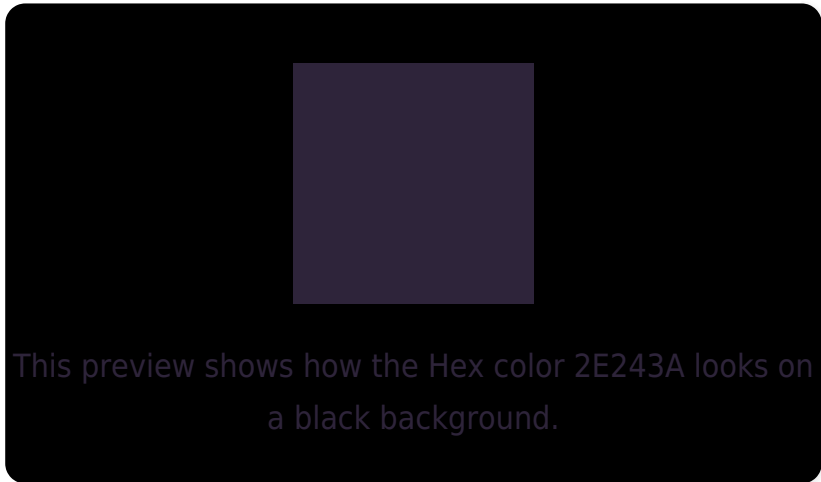
Large Text (above 18pt) WCAG AA ✓ Pass

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

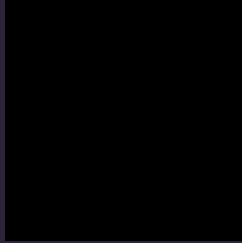
Any Text WCAG AA × Fail

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 2E243A Background



This preview shows how black text looks on a background with the Hex color 2E243A.



This preview shows how white text looks on a background with the Hex color 2E243A.

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
2E243A

Protanopia
21283D

Deuteranopia
222839



Tritanopia
2B272A

Trichromacy



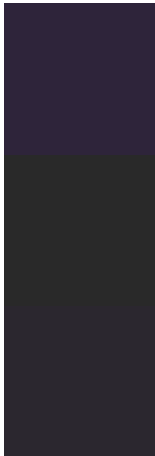
Original Color
2E243A

Protanomaly
26273C

Deuteranomaly
262739

Tritanomaly
2C2630

Monochromacy



Original Color
2E243A

Achromatopsia
292929

Achromatomaly
2B272F

CSS Examples

Text

The CSS property to change the color of the text to Hex 2E243A 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 #2E243A looks like.

```
.text, #text, p{  
    color:#2E243A  
}
```

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 #2E243A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E243A
}
```

Border

The CSS property to change the border of an element to Hex 2E243A is called "border". The border property can be set on classes, ids or directly on the HTML element.

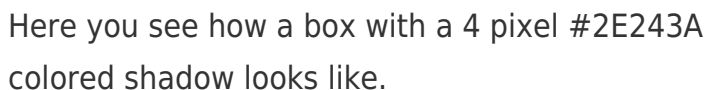
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2E243A }
```

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

```
.border{ border-color:#2E243A }
```

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



Here you see how a box with a 4 pixel #2E243A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E243A; -webkit-box-shadow:4px 4px  
4px 4px #2E243A; box-shadow:4px 4px 4px  
4px #2E243A }
```

Background

The CSS property to change the background color of an element to Hex 2E243A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E243A }
```

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

```
.background{ background-color:#2E243A }
```

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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