

Converting Colors

Hex(2E2432)

Have a look what the booklet for
Hex(2E2432) contains.

Hex(2E2432)	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(2E2432)

Conversions

Conversions Part 1

Format	Color
Hex	2E2432
RGB	46, 36, 50
RGB Percent	18%, 14%, 20%
CMY	0.8196, 0.8588, 0.8039
CMYK	0.08, 0.28, 0.00, 0.80
HSL	283°, 16%, 17%
HSV	283°, 28%, 20%
XYZ	2.3333, 2.0729, 3.2947
YIQ	40.5860, 1.4660, 6.4740

Conversions

Conversions Part 2

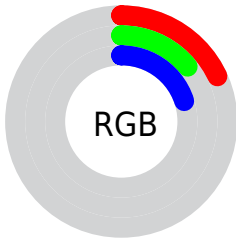
Format	Color
R_{YB}	46, 36, 50
Decimal	3023922
CIE Lab	15.87, 7.97, -7.38
CIE LCh	16, 10.862, 317.176
Yxy	2.0729, 0.3030, 0.2692
Android (android.graphics.Color)	4281214002 (0xFF2E2432)
YUV	40.5860, 4.6411, 4.7481
Hunter-Lab	14.3975, 3.7327, -3.4897

Details

The Hex color **2E2432** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **283224**, and the grayscale version is **292929**.

A 20% lighter version of the original color is **5C5160**, and **000001** is the 20% darker color. If you saturate the color by 10%, you get **2D1F32**, and if you desaturate by 10%, it is **2F2932**.

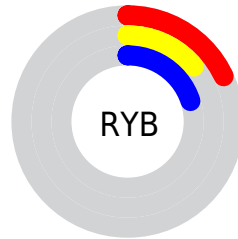
Distribution



Red (18%)

Green (14%)

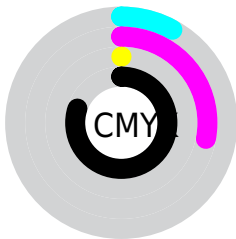
Blue (20%)



Red (18%)

Yellow (14%)

Blue (20%)

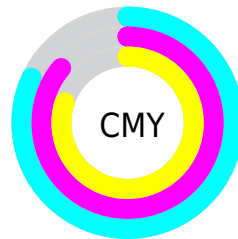


Cyan (8%)

Magenta (28%)

Yellow (0%)

Black (80%)



Cyan (82%)

Magenta (86%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E2432 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 2E2432 by changing the saturation by 10% instead.

■ 2E2432

■ 2E2432

FFFFFF

■ 1A0F1D

■ 5C5160

■ 000001

■ 756979

■ 000000

■ 8E8293

■ A99CAD

■ C4B7C9

■ E0D2E5

■ FDEFFF

■ 2E2432

■ 2E2432

■ 2D1F32

■ 2F2932

■ 2B1A32

■ 312E32

■ 2A1532

■ 323332

■ 281032

■ 343832

■ 270B32

■ 353D32

■ 250632

■ 374232

■ 240132

■ 384732

■ 240032

■ 394C32

■ 3B5132

Harmonies

Analogous

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



242736



2E2432



35222B

Triad

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



2E2432



302619



102C2C

Complementary

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



2E2432



283224

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.



172C24



2E2432



282819

Square

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



2E2432



35231D



202A1D



102B33

Rectangle

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



2E2432



372226



202A1D



122C29

Sweetspot

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



2E2432



3E3B40



242832



201E21



A1A1A1



212121

Same Dimension

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



2E2432



3A2A40



32242F



19171A



400059



9B00D9

Inverse Universe

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



322428



402A30



243227



1A1718



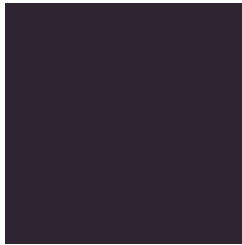
590019



D9003E

Previews

White Background



This preview shows how the Hex color 2E2432 looks on a white background.

Color Contrast Check

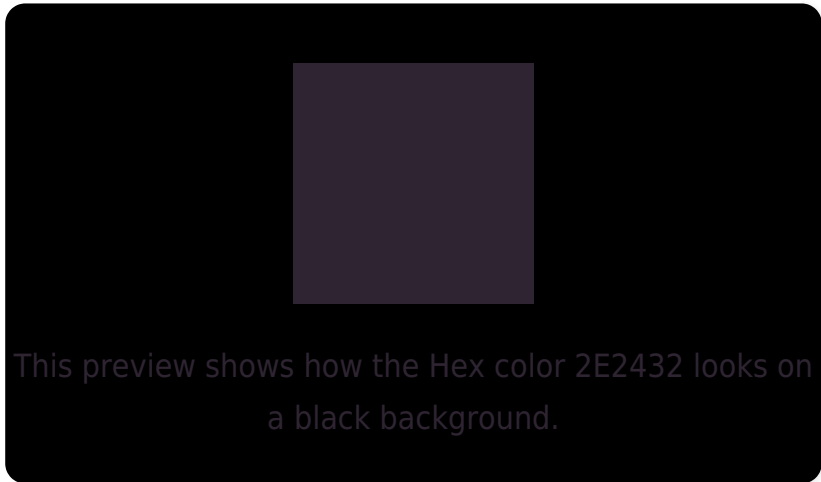
Large Text (above 18pt) WCAG AA ✓ Pass

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

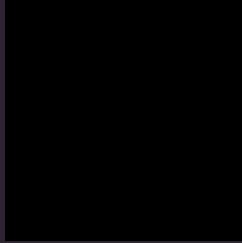
Any Text WCAG AA × Fail

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 2E2432 Background



This preview shows how black text looks on a background with the Hex color 2E2432.



This preview shows how white text looks on a background with the Hex color 2E2432.

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
2E2432

Protanopia
242734

Deuteranopia
262731



Tritanopia
2D2629

Trichromacy



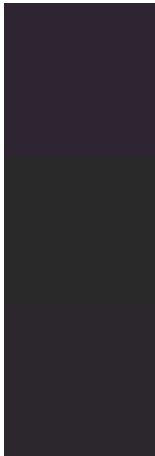
Original Color
2E2432

Protanomaly
282633

Deuteranomaly
292631

Tritanomaly
2D252C

Monochromacy



Original Color
2E2432

Achromatopsia
292929

Achromatomaly
2B272C

CSS Examples

Text

The CSS property to change the color of the text to Hex 2E2432 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 #2E2432 looks like.

```
.text, #text, p{  
  color:#2E2432  
}
```

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 #2E2432 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E2432
}
```

Border

The CSS property to change the border of an element to Hex 2E2432 is called "border". The border property can be set on classes, ids or directly on the HTML element.

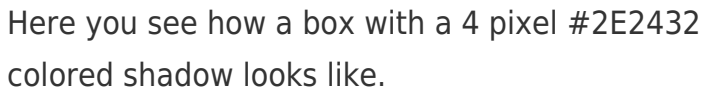
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2E2432 }
```

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

```
.border{ border-color:#2E2432 }
```

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



Here you see how a box with a 4 pixel #2E2432 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E2432; -webkit-box-shadow:4px 4px  
4px 4px #2E2432; box-shadow:4px 4px 4px  
4px #2E2432 }
```

Background

The CSS property to change the background color of an element to Hex 2E2432 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E2432 }
```

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

```
.background{ background-color:#2E2432 }
```

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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