

Converting Colors

Hex(252837)

Have a look what the booklet for
Hex(252837) contains.

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Color

Hex(252837)

Conversions

Conversions Part 1

Format	Color
Hex	252837
RGB	37, 40, 55
RGB Percent	15%, 16%, 22%
CMY	0.8549, 0.8431, 0.7843
CMYK	0.33, 0.27, 0.00, 0.78
HSL	230°, 20%, 18%
HSV	230°, 33%, 22%
XYZ	2.2113, 2.1867, 3.9200
YIQ	40.8130, -6.6030, 4.0290

Conversions

Conversions Part 2

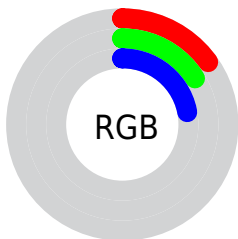
Format	Color
R_{YB}	37, 40, 55
Decimal	2435127
CIE _{Lab}	16.44, 2.92, -10.11
CIE _{LCh}	16, 10.524, 286.102
Yxy	2.1867, 0.2658, 0.2629
Android (android.graphics.Color)	4280625207 (0xFF252837)
YUV	40.8130, 6.9942, -3.3440
Hunter-Lab	14.7876, 0.8145, -5.3655

Details

The Hex color **252837** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **373425**, and the grayscale version is **292929**.

A 20% lighter version of the original color is **525566**, and **00000A** is the 20% darker color. If you saturate the color by 10%, you get **202337**, and if you desaturate by 10%, it is **2B2D37**.

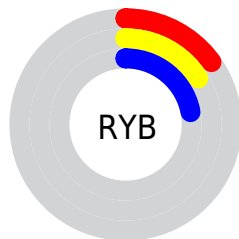
Distribution



Red (15%)

Green (16%)

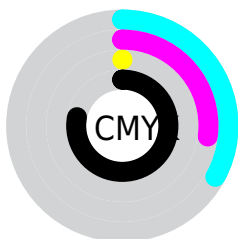
Blue (22%)



Red (15%)

Yellow (16%)

Blue (22%)

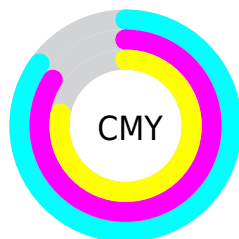


Cyan (33%)

Magenta (27%)

Yellow (0%)

Black (78%)



Cyan (85%)

Magenta (84%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 252837 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 252837 by changing the saturation by 10% instead.

■ 252837

■ 252837

FFFFFF

■ 111422

■ 525566

■ 00000A

■ 6B6D7F

■ 000000

■ 848699

■ 9EA1B4

■ B9BCCF

■ D5D7EB

■ F1F4FF

■ 252837

■ 252837

■ 202337

■ 2B2D37

■ 1A1F37

■ 303137

■ 141A37

■ 363637

■ 0F1637

■ 3B3A37

■ 0A1137

■ 413F37

■ 040D37

■ 464337

■ 000937

■ 4C4837

■ 514D37

■ 575137

Harmonies

Analogous

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



1A2A37



252837



2F2533

Triad

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



252837



36251E



192D25

Complementary

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



252837



373425

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.



212B1E



252837



31271A

Square

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



252837



382325



2A291A



132D2D

Rectangle

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



252837



34242F



2A291A



1C2C22

Sweetspot

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



252837



404147



253734



1F2024



A3A3A3



242424

Same Dimension

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



252837



2C3047



2B2537



191A1C



000F5C



0025DB

Inverse Universe

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



372528



472C30



313725



1C191A



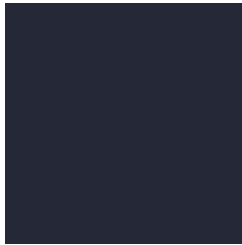
5C000F



DB0025

Previews

White Background



This preview shows how the Hex color 252837 looks on a white background.

Color Contrast Check

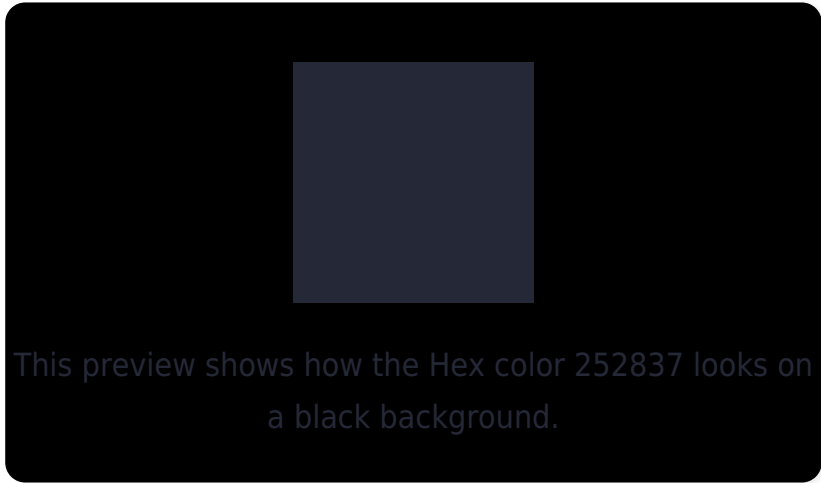
Large Text (above 18pt) WCAG AA ✓ Pass

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

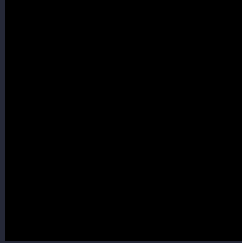
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

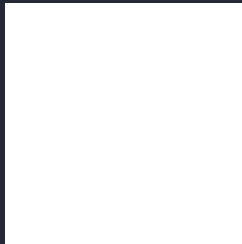
Any Text WCAG AAA × Fail

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

Hex 252837 Background



This preview shows how black text looks on a background with the Hex color 252837.



This preview shows how white text looks on a background with the Hex color 252837.

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
252837

Protanopia
242837

Deuteranopia
252837

Trichromacy



Original Color
252837

Protanomaly
242837

Deuteranomaly
252837

Tritanomaly
242931

Monochromacy



Original Color
252837

Achromatopsia
292929

Achromatomaly
28292E

CSS Examples

Text

The CSS property to change the color of the text to Hex 252837 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 #252837 looks like.

```
.text, #text, p{  
    color:#252837  
}
```

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 #252837 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #252837  
}
```

Border

The CSS property to change the border of an element to Hex 252837 is called "border". The border property can be set on classes, ids or directly on the HTML element.

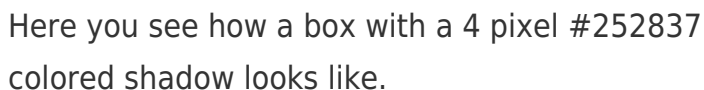
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#252837 }
```

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

```
.border{ border-color:#252837 }
```

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



Here you see how a box with a 4 pixel #252837 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #252837; -webkit-box-shadow:4px 4px  
4px 4px #252837; box-shadow:4px 4px 4px  
4px #252837 }
```

Background

The CSS property to change the background color of an element to Hex 252837 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#252837 }
```

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

```
.background{ background-color:#252837 }
```

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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