

Converting Colors

Hex(252E37)

Have a look what the booklet for
Hex(252E37) contains.

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Color

Hex(252E37)

Conversions

Conversions Part 1

Format	Color
Hex	252E37
RGB	37, 46, 55
RGB Percent	15%, 18%, 22%
CMY	0.8549, 0.8196, 0.7843
CMYK	0.33, 0.16, 0.00, 0.78
HSL	210°, 20%, 18%
HSV	210°, 33%, 22%
XYZ	2.4295, 2.6231, 3.9927
YIQ	44.3350, -8.2530, 0.8910

Conversions

Conversions Part 2

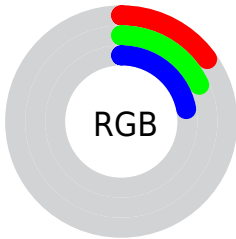
Format	Color
R_{YB}	37, 43, 55
Decimal	2436663
CIE Lab	18.47, -1.28, -7.02
CIE LCh	18, 7.135, 259.700
Yxy	2.6231, 0.2686, 0.2900
Android (android.graphics.Color)	4280626743 (0xFF252E37)
YUV	44.3350, 5.2578, -6.4328
Hunter-Lab	16.1961, -1.5669, -3.2790

Details

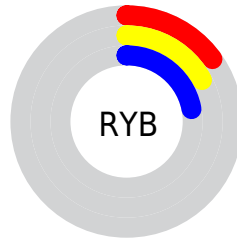
The Hex color **252E37** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **372E25**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **525C66**, and **00000B** is the 20% darker color. If you saturate the color by 10%, you get **202B37**, and if you desaturate by 10%, it is **2B3137**.

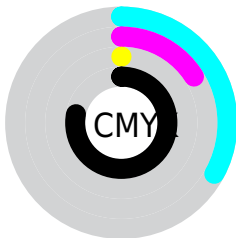
Distribution



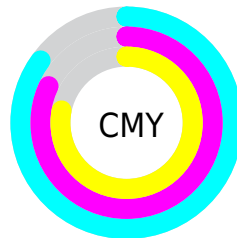
- Red (15%)
- Green (18%)
- Blue (22%)



- Red (15%)
- Yellow (17%)
- Blue (22%)



- Cyan (33%)
- Magenta (16%)
- Yellow (0%)
- Black (78%)



- Cyan (85%)
- Magenta (82%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 252E37 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 252E37 by changing the saturation by 10% instead.

■ 252E37

■ 252E37

FFFFFF

■ 101922

■ 525C66

■ 00000B

■ 6B747F

■ 000000

■ 848E99

■ 9EA8B3

■ B9C3CF

■ D5DFEB

■ F1FCFF

■ 252E37

■ 252E37

■ 202B37

■ 2B3137

■ 1A2937

■ 303437

■ 142637

■ 363637

■ 0F2337

■ 3B3937

■ 0A2037

■ 413C37

■ 041E37

■ 463F37

■ 001C37

■ 4C4137

■ 514437

■ 574737

Harmonies

Analogous

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



202F35



252E37



2C2C37

Triad

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



252E37



382A2A



272F26

Complementary

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



252E37



372E25

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.



2D2E23



252E37



372A25

Square

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



252E37



362A2F



332C23



22302B

Rectangle

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



252E37



302B35



332C23



292F25

Sweetspot

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



252E37



404447



25372E



1F2224



A3A3A3



242424

Same Dimension

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



252E37



2C3947



252537



191B1C



002E5C



006EDB

Inverse Universe

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



37252E



472C39



373725



1C191B



5C002E



DB006E

Previews

White Background



This preview shows how the Hex color 252E37 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

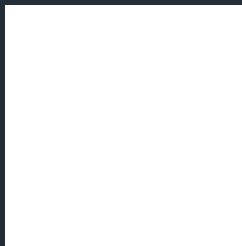
Any Text WCAG AAA × Fail

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

Hex 252E37 Background



This preview shows how black text looks on a background with the Hex color 252E37.



This preview shows how white text looks on a background with the Hex color 252E37.

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
252E37

Protanopia
2B2D36

Deuteranopia
2C2C37



Tritanopia
242F33

Trichromacy



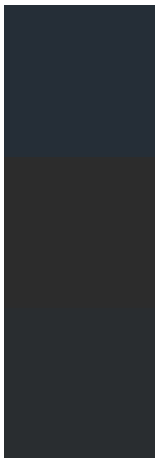
Original Color
252E37

Protanomaly
292D36

Deuteranomaly
292D37

Tritanomaly
242F34

Monochromacy



Original Color
252E37

Achromatopsia
2C2C2C

Achromatomaly
292D30

CSS Examples

Text

The CSS property to change the color of the text to Hex 252E37 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 #252E37 looks like.

```
.text, #text, p{  
    color:#252E37  
}
```

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 #252E37 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #252E37
}
```

Border

The CSS property to change the border of an element to Hex 252E37 is called "border". The border property can be set on classes, ids or directly on the HTML element.

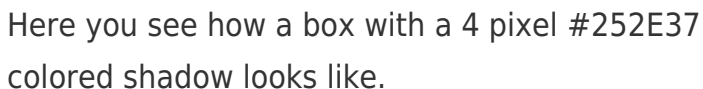
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#252E37 }
```

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

```
.border{ border-color:#252E37 }
```

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



Here you see how a box with a 4 pixel #252E37 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #252E37; -webkit-box-shadow:4px 4px  
4px 4px #252E37; box-shadow:4px 4px 4px  
4px #252E37 }
```

Background

The CSS property to change the background color of an element to Hex 252E37 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#252E37 }
```

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

```
.background{ background-color:#252E37 }
```

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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