

Converting Colors

Hex(242835)

Have a look what the booklet for
Hex(242835) contains.

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Color

Hex(242835)

Conversions

Conversions Part 1

Format	Color
Hex	242835
RGB	36, 40, 53
RGB Percent	14%, 16%, 21%
CMY	0.8588, 0.8431, 0.7922
CMYK	0.32, 0.25, 0.00, 0.79
HSL	226°, 19%, 17%
HSV	226°, 32%, 21%
XYZ	2.1289, 2.1497, 3.6709
YIQ	40.2860, -6.5570, 3.1950

Conversions

Conversions Part 2

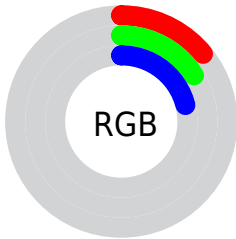
Format	Color
RYB	36, 39, 53
Decimal	2369589
CIELab	16.25, 1.92, -9.00
CIELCh	16, 9.202, 282.030
Yxy	2.1497, 0.2678, 0.2704
Android (android.graphics.Color)	4280559669 (0xFF242835)
YUV	40.2860, 6.2680, -3.7588
Hunter-Lab	14.6618, 0.2606, -4.5812

Details

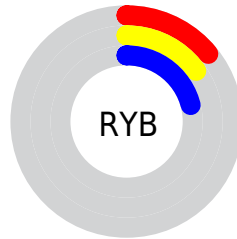
The Hex color **242835** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **353124**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **515564**, and **000006** is the 20% darker color. If you saturate the color by 10%, you get **1F2435**, and if you desaturate by 10%, it is **292C35**.

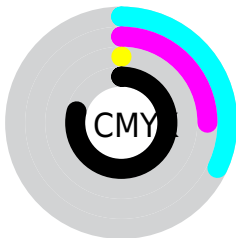
Distribution



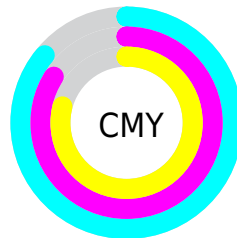
- Red (14%)
- Green (16%)
- Blue (21%)



- Red (14%)
- Yellow (15%)
- Blue (21%)



- Cyan (32%)
- Magenta (25%)
- Yellow (0%)
- Black (79%)



- Cyan (86%)
- Magenta (84%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 242835 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 242835 by changing the saturation by 10% instead.



242835



242835

FFFFFF



101420



515564



000006



696D7D



000000



828696



9DA1B1



B8BCCD



D3D7E9



F0F4FF



242835



242835

■ 1F2435

■ 292C35

■ 192035

■ 2F3035

■ 141C35

■ 343435

■ 0F1835

■ 393835

■ 0A1435

■ 3F3C35

■ 041035

■ 444035

■ 000C35

■ 494435

■ 4E4835

■ 544C35

Harmonies

Analogous

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



1B2A35



242835



2D2632

Triad

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



242835



352520



1C2C24

Complementary

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



242835



353124

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.



232B1E



242835



31271C

Square

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



242835



362426



2A291B



162C2B

Rectangle

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



242835



31242F



2A291B



1E2B22

Sweetspot

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



242835



3E4045



243531



1F2024



A3A3A3



242424

Same Dimension

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



242835



2B3145



282435



17181A



001559



0033D9

Inverse Universe

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



352428



452B31



313524



1A1718



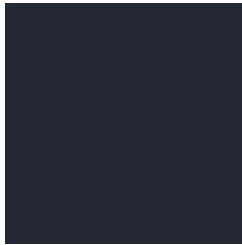
590015



D90033

Previews

White Background



This preview shows how the Hex color 242835 looks on a white background.

Color Contrast Check

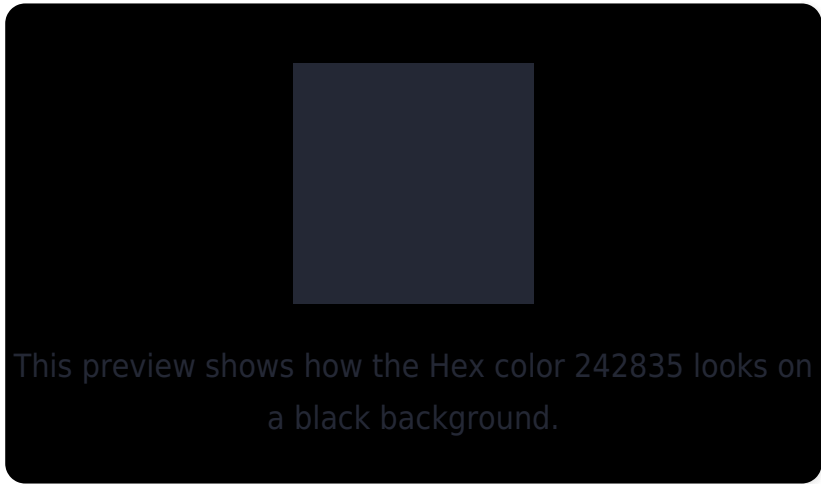
Large Text (above 18pt) WCAG AA ✓ Pass

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

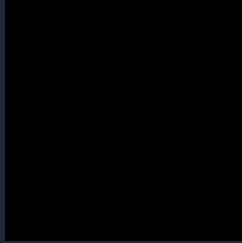
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

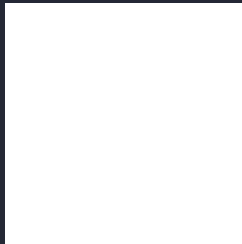
Any Text WCAG AAA × Fail

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

Hex 242835 Background



This preview shows how black text looks on a background with the Hex color 242835.



This preview shows how white text looks on a background with the Hex color 242835.

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
242835

Protanopia
252835

Deuteranopia
252835



Tritanopia
222A2D

Trichromacy



Original Color
242835

Protanomaly
252835

Deuteranomaly
252835

Tritanomaly
232930

Monochromacy



Original Color
242835

Achromatopsia
282828

Achromatomaly
27282D

CSS Examples

Text

The CSS property to change the color of the text to Hex 242835 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 #242835 looks like.

```
.text, #text, p{  
    color:#242835  
}
```

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 #242835 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #242835
}
```

Border

The CSS property to change the border of an element to Hex 242835 is called "border". The border property can be set on classes, ids or directly on the HTML element.

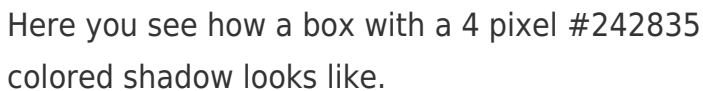
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#242835 }
```

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

```
.border{ border-color:#242835 }
```

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



Here you see how a box with a 4 pixel #242835 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #242835; -webkit-box-shadow:4px 4px  
4px 4px #242835; box-shadow:4px 4px 4px  
4px #242835 }
```

Background

The CSS property to change the background color of an element to Hex 242835 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#242835 }
```

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

```
.background{ background-color:#242835 }
```

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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