

Converting Colors

Hex(242939)

Have a look what the booklet for
Hex(242939) contains.

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Color

Hex(242939)

Conversions

Conversions Part 1

Format	Color
Hex	242939
RGB	36, 41, 57
RGB Percent	14%, 16%, 22%
CMY	0.8588, 0.8392, 0.7765
CMYK	0.37, 0.28, 0.00, 0.78
HSL	226°, 23%, 18%
HSV	226°, 37%, 22%
XYZ	2.2590, 2.2564, 4.1874
YIQ	41.3290, -8.1160, 3.9160

Conversions

Conversions Part 2

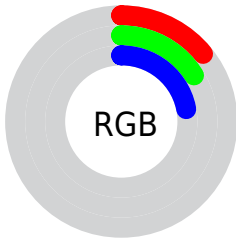
Format	Color
RYB	36, 40, 57
Decimal	2369849
CIELab	16.78, 2.47, -10.99
CIELCh	17, 11.267, 282.660
Yxy	2.2564, 0.2596, 0.2593
Android (android.graphics.Color)	4280559929 (0xFF242939)
YUV	41.3290, 7.7258, -4.6735
Hunter-Lab	15.0212, 0.5573, -6.0131

Details

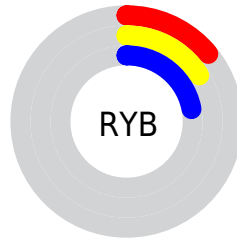
The Hex color **242939** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **393424**, and the grayscale version is **292929**.

A 20% lighter version of the original color is **515668**, and **00010D** is the 20% darker color. If you saturate the color by 10%, you get **1E2539**, and if you desaturate by 10%, it is **2A2D39**.

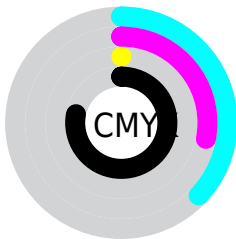
Distribution



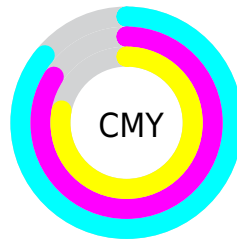
- Red (14%)
- Green (16%)
- Blue (22%)



- Red (14%)
- Yellow (16%)
- Blue (22%)



- Cyan (37%)
- Magenta (28%)
- Yellow (0%)
- Black (78%)



- Cyan (86%)
- Magenta (84%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 242939 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 242939 by changing the saturation by 10% instead.



242939



242939

FFFFFF



0F1523



515668



00010D



6A6E81



000000



83889B



9DA2B6



B8BDD2



D4D9EE



F0F5FF



242939



242939

■ 1E2539

■ 2A2D39

■ 192039

■ 2F3239

■ 131C39

■ 353639

■ 0D1839

■ 3B3A39

■ 081339

■ 413F39

■ 020F39

■ 464339

■ 000E39

■ 4C4739

■ 524C39

■ 575039

Harmonies

Analogous

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



182C39



242939



2F2635

Triad

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



242939



38251F



192E24

Complementary

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



242939



393424

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.



232C1D



242939



33271A

Square

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



242939



3A2326



2C2A1A



122E2D

Rectangle

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



242939



342531



2C2A1A



1C2D22

Sweetspot

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



242939



42444A



243934



212226



A6A6A6



262626

Same Dimension

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



242939



29314A



292439



191A1C



00165C



0034DB

Inverse Universe

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



392429



4A2931



343924



1C191A



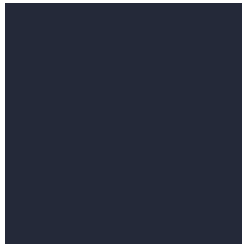
5C0016



DB0034

Previews

White Background



This preview shows how the Hex color 242939 looks on a white background.

Color Contrast Check

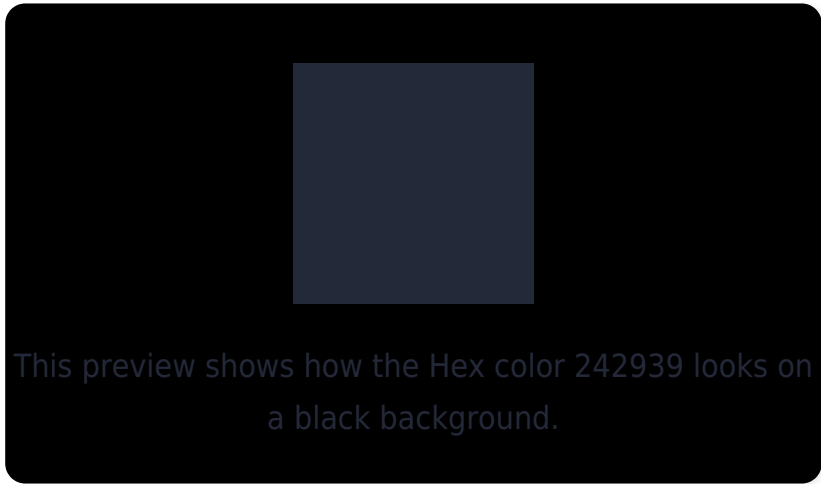
Large Text (above 18pt) WCAG AA ✓ Pass

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

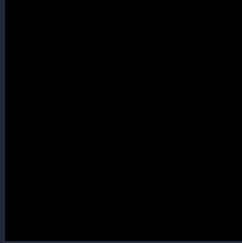
Any Text WCAG AA × Fail

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 242939 Background



This preview shows how black text looks on a background with the Hex color 242939.



This preview shows how white text looks on a background with the Hex color 242939.

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
242939

Protanopia
252939

Deuteranopia
242939



Tritanopia
212B2E

Trichromacy



Original Color

242939

Protanomaly

252939

Deuteranomaly

242939

Tritanomaly

222A32

Monochromacy



Original Color

242939

Achromatopsia

292929

Achromatomaly

27292F

CSS Examples

Text

The CSS property to change the color of the text to Hex 242939 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 #242939 looks like.

```
.text, #text, p{  
    color:#242939  
}
```

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 #242939 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #242939
}
```

Border

The CSS property to change the border of an element to Hex 242939 is called "border". The border property can be set on classes, ids or directly on the HTML element.

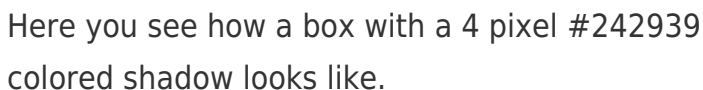
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#242939 }
```

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

```
.border{ border-color:#242939 }
```

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



Here you see how a box with a 4 pixel #242939 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #242939; -webkit-box-shadow:4px 4px  
4px 4px #242939; box-shadow:4px 4px 4px  
4px #242939 }
```

Background

The CSS property to change the background color of an element to Hex 242939 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#242939 }
```

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

```
.background{ background-color:#242939 }
```

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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