

Converting Colors

Hex(242854)

Have a look what the booklet for
Hex(242854) contains.

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Color

Hex(242854)

Conversions

Conversions Part 1

Format	Color
Hex	242854
RGB	36, 40, 84
RGB Percent	14%, 16%, 33%
CMY	0.8588, 0.8431, 0.6706
CMYK	0.57, 0.52, 0.00, 0.67
HSL	235°, 40%, 24%
HSV	235°, 57%, 33%
XYZ	3.0866, 2.5327, 8.7137
YIQ	43.8200, -16.5080, 12.8360

Conversions

Conversions Part 2

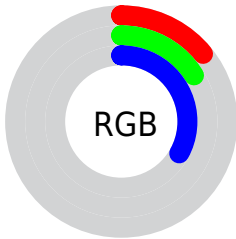
Format	Color
R_{YB}	36, 40, 84
Decimal	2369620
CIE _{Lab}	18.07, 12.68, -27.45
CIE _{LCh}	18, 30.241, 294.798
Yxy	2.5327, 0.2153, 0.1767
Android (android.graphics.Color)	4280559700 (0xFF242854)
YUV	43.8200, 19.8087, -6.8581
Hunter-Lab	15.9146, 6.7689, -21.3227

Details

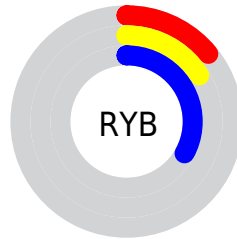
The Hex color **242854** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **545024**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **555586**, and **000027** is the 20% darker color. If you saturate the color by 10%, you get **1C2054**, and if you desaturate by 10%, it is **2C3054**.

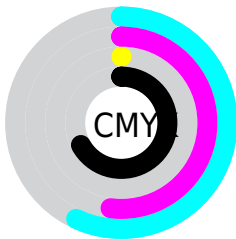
Distribution



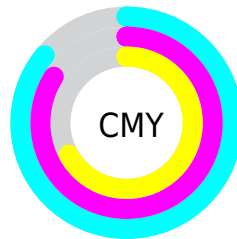
- Red (14%)
- Green (16%)
- Blue (33%)



- Red (14%)
- Yellow (16%)
- Blue (33%)



- Cyan (57%)
- Magenta (52%)
- Yellow (0%)
- Black (67%)



- Cyan (86%)
- Magenta (84%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 242854 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 242854 by changing the saturation by 10% instead.

■ 242854

■ 242854

FFFFFF

■ 0A143D

■ 555586

■ 000027

■ 6E6DA0

■ 000110

■ 8886BB

■ 000000

■ A3A1D7

■ BFBCF4

■ DBD7FF

■ F8F4FF

■ 242854

■ 242854

■ 1C2054

■ 2C3054

■ 131954

■ 353754

■ 0B1154

■ 3D3F54

■ 020954

■ 464754

■ 000754

■ 4E4E54

■ 565654

■ 5F5E54

■ 676654

■ 706D54

Harmonies

Analogous

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



003058



242854



431E46

Triad

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



242854



4A2105



003628

Complementary

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



242854



545024

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.



043411



242854



3B2A00

Square

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



242854



52181B



263000



00363E

Rectangle

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



242854



4E1838



263000



003620

Sweetspot

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



242854



5B5D6E



245450



2D2E38



B8B8B8



383838

Same Dimension

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



242854



22286E



382454



252529



000969



0013E8

Inverse Universe

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



542428



6E2228



405424



292525



690009



E80013

Previews

White Background



This preview shows how the Hex color 242854 looks on a white background.

Color Contrast Check

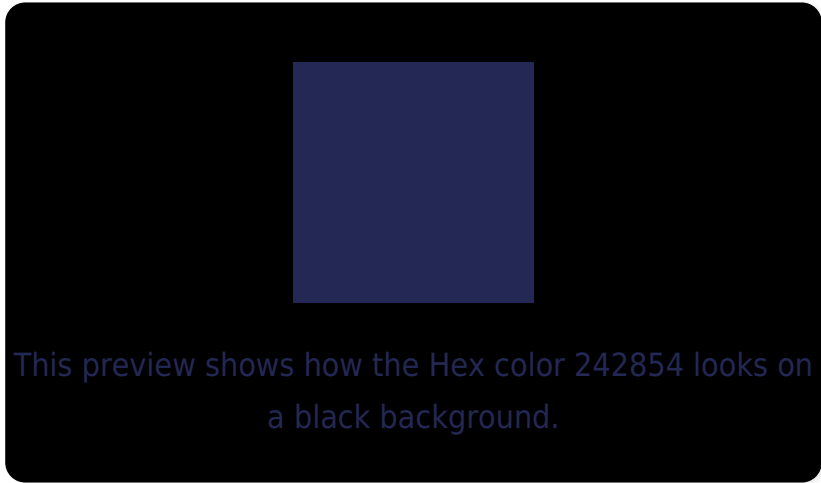
Large Text (above 18pt) WCAG AA ✓ Pass

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

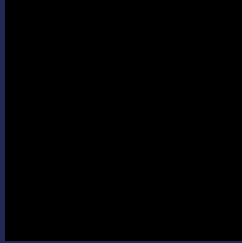
Any Text WCAG AA × Fail

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 242854 Background



This preview shows how black text looks on a background with the Hex color 242854.



This preview shows how white text looks on a background with the Hex color 242854.

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](#).

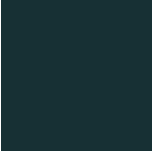
Dichromacy



Original Color
242854

Protanopia
112B57

Deuteranopia
002D4F



Tritanopia
173034

Trichromacy



Original Color
242854

Protanomaly
182A56

Deuteranomaly
0D2B51

Tritanomaly
1C2D40

Monochromacy



Original Color
242854

Achromatopsia
2C2C2C

Achromatomaly
292B3B

CSS Examples

Text

The CSS property to change the color of the text to Hex 242854 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 #242854 looks like.

```
.text, #text, p{  
    color:#242854  
}
```

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 #242854 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #242854
}
```

Border

The CSS property to change the border of an element to Hex 242854 is called "border". The border property can be set on classes, ids or directly on the HTML element.

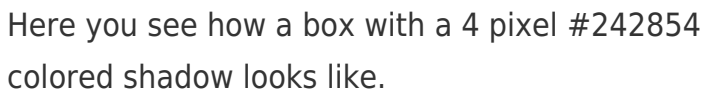
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#242854 }
```

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

```
.border{ border-color:#242854 }
```

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



Here you see how a box with a 4 pixel #242854 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #242854; -webkit-box-shadow:4px 4px  
4px 4px #242854; box-shadow:4px 4px 4px  
4px #242854 }
```

Background

The CSS property to change the background color of an element to Hex 242854 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#242854 }
```

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

```
.background{ background-color:#242854 }
```

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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