

Converting Colors

Hex(242549)

Have a look what the booklet for
Hex(242549) contains.

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Color

Hex(242549)

Conversions

Conversions Part 1

Format	Color
Hex	242549
RGB	36, 37, 73
RGB Percent	14%, 15%, 29%
CMY	0.8588, 0.8549, 0.7137
CMYK	0.51, 0.49, 0.00, 0.71
HSL	238°, 34%, 21%
HSV	238°, 51%, 29%
XYZ	2.5917, 2.1792, 6.5874
YIQ	40.8050, -12.1520, 10.9840

Conversions

Conversions Part 2

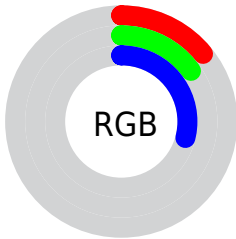
Format	Color
RYB	36, 37, 73
Decimal	2368841
CIELab	16.40, 10.83, -22.65
CIELCh	16, 25.108, 295.563
Yxy	2.1792, 0.2282, 0.1919
Android (android.graphics.Color)	4280558921 (0xFF242549)
YUV	40.8050, 15.8721, -4.2140
Hunter-Lab	14.7623, 5.5042, -16.1234

Details

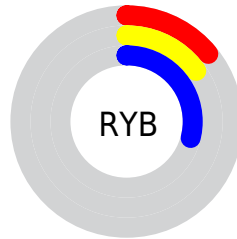
The Hex color **242549** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **494824**, and the grayscale version is **292929**.

A 20% lighter version of the original color is **53527A**, and **00021D** is the 20% darker color. If you saturate the color by 10%, you get **1D1E49**, and if you desaturate by 10%, it is **2B2C49**.

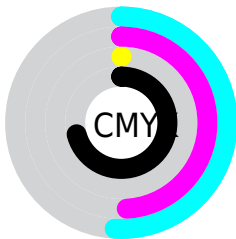
Distribution



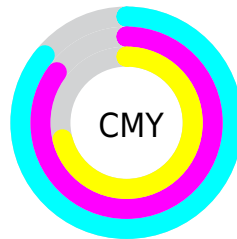
- Red (14%)
- Green (15%)
- Blue (29%)



- Red (14%)
- Yellow (15%)
- Blue (29%)



- Cyan (51%)
- Magenta (49%)
- Yellow (0%)
- Black (71%)



- Cyan (86%)
- Magenta (85%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 242549 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 242549 by changing the saturation by 10% instead.

■ 242549

■ 242549

FFFFFF

■ 0D1132

■ 53527A

■ 00021D

■ 6C6A94

■ 000000

■ 8683AF

■ A09DCA

■ BCB8E6

■ D8D3FF

■ F4F0FF

■ 242549

■ 242549

■ 1D1E49

■ 2B2C49

■ 151749

■ 333349

■ 0E1049

■ 3A3A49

■ 070949

■ 414149

■ 000249

■ 494949

■ 505049

■ 575749

■ 5E5E49

■ 666549

Harmonies

Analogous

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



002B4C



242549



3C1D3D

Triad

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



242549



412009



003125

Complementary

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



242549



494824

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.



0A2F13



242549



352700

Square

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



242549



48191A



232C02



003138

Rectangle

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



242549



451932



232C02



00311F

Sweetspot

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



242549



50515E



244948



282830



B0B0B0



303030

Same Dimension

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



242549



25265E



352449



202024



000363



0006E3

Inverse Universe

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



492425



5E2526



384924



242020



630003



E30006

Previews

White Background



This preview shows how the Hex color 242549 looks on a white background.

Color Contrast Check

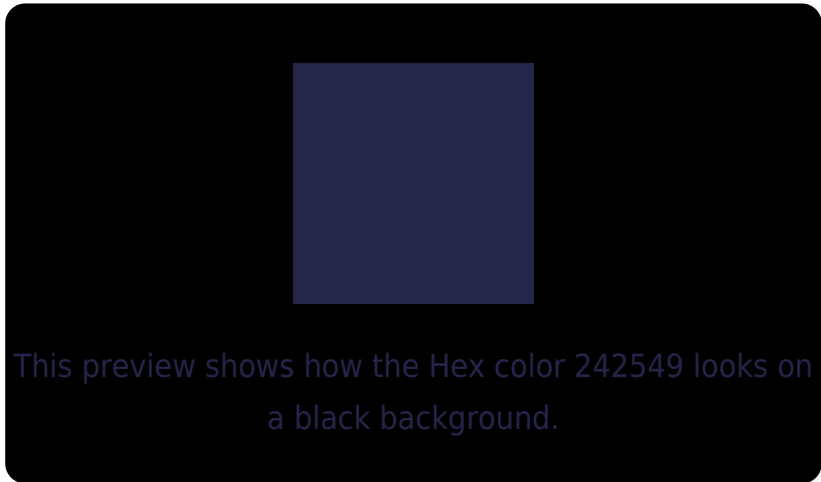
Large Text (above 18pt) WCAG AA ✓ Pass

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

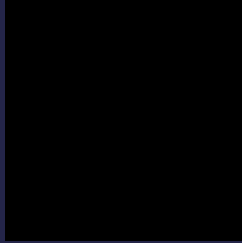
Any Text WCAG AA × Fail

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 242549 Background



This preview shows how black text looks on a background with the Hex color 242549.



This preview shows how white text looks on a background with the Hex color 242549.

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
242549

Protanopia
16284C

Deuteranopia
0D2948



Tritanopia
1C2B2F

Trichromacy



Original Color
242549

Protanomaly
1B274B

Deuteranomaly
152848

Tritanomaly
1F2938

Monochromacy



Original Color
242549

Achromatopsia
292929

Achromatomaly
272835

CSS Examples

Text

The CSS property to change the color of the text to Hex 242549 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 #242549 looks like.

```
.text, #text, p{  
    color:#242549  
}
```

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 #242549 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #242549
}
```

Border

The CSS property to change the border of an element to Hex 242549 is called "border". The border property can be set on classes, ids or directly on the HTML element.

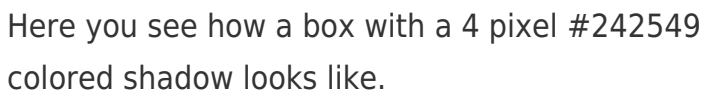
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#242549 }
```

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

```
.border{ border-color:#242549 }
```

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



Here you see how a box with a 4 pixel #242549 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #242549; -webkit-box-shadow:4px 4px  
4px 4px #242549; box-shadow:4px 4px 4px  
4px #242549 }
```

Background

The CSS property to change the background color of an element to Hex 242549 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#242549 }
```

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

```
.background{ background-color:#242549 }
```

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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