

Converting Colors

Hex(242959)

Have a look what the booklet for
Hex(242959) contains.

Hex(242959)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(242959)

Conversions

Conversions Part 1

Format	Color
Hex	242959
RGB	36, 41, 89
RGB Percent	14%, 16%, 35%
CMY	0.8588, 0.8392, 0.6510
CMYK	0.60, 0.54, 0.00, 0.65
HSL	234°, 42%, 25%
HSV	234°, 60%, 35%
XYZ	3.3237, 2.6822, 9.7937
YIQ	44.9770, -18.3880, 13.8680

Conversions

Conversions Part 2

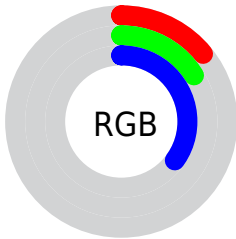
Format	Color
R_{YB}	36, 41, 89
Decimal	2369881
CIE _{Lab}	18.72, 13.83, -29.74
CIE _{LCh}	19, 32.803, 294.945
Yxy	2.6822, 0.2104, 0.1698
Android (android.graphics.Color)	4280559961 (0xFF242959)
YUV	44.9770, 21.7033, -7.8728
Hunter-Lab	16.3775, 7.5645, -23.9912

Details

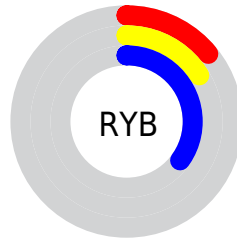
The Hex color **242959** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **595424**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **56568B**, and **00002B** is the 20% darker color. If you saturate the color by 10%, you get **1B2159**, and if you desaturate by 10%, it is **2D3159**.

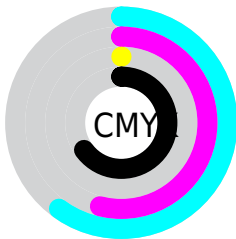
Distribution



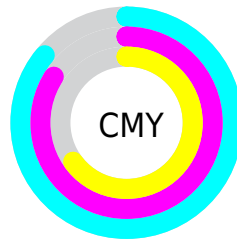
- Red (14%)
- Green (16%)
- Blue (35%)



- Red (14%)
- Yellow (16%)
- Blue (35%)



- Cyan (60%)
- Magenta (54%)
- Yellow (0%)
- Black (65%)



- Cyan (86%)
- Magenta (84%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 242959 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 242959 by changing the saturation by 10% instead.

■ 242959

■ 242959

FFFFFF

■ 081541

■ 56568B

■ 00002B

■ 6F6EA6

■ 000115

■ 8A88C1

■ 000000

■ A5A2DD

■ C0BDFA

■ DCD9FF

■ F9F5FF

■ 242959

■ 242959

■ 1B2159

■ 2D3159

■ 121959

■ 363959

■ 091159

■ 3F4159

■ 000959

■ 484959

■ 000859

■ 515159

■ 595959

■ 626159

■ 6B6959

■ 747259

Harmonies

Analogous

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



00325D



242959



461D49

Triad

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



242959



4D2102



003829

Complementary

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



242959



595424

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.



003610



242959



3D2B00

Square

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



242959



57171B



263200



003841

Rectangle

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



242959



52163B



263200



003820

Sweetspot

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



242959



5E6073



245954



2E2F3B



BABABA



3B3B3B

Same Dimension

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



242959



212973



392459



27272B



000A6B



0016EB

Inverse Universe

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



592429



732129



445924



2B2727



6B000A



EB0016

Previews

White Background



This preview shows how the Hex color 242959 looks on a white background.

Color Contrast Check

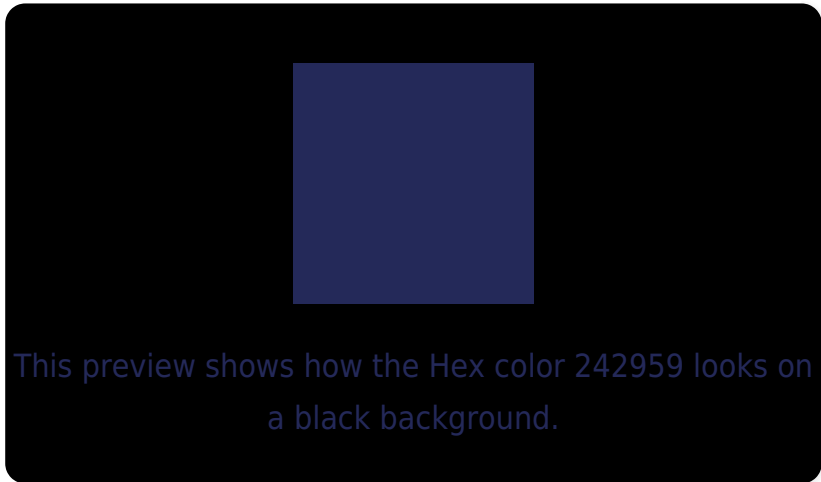
Large Text (above 18pt) WCAG AA ✓ Pass

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

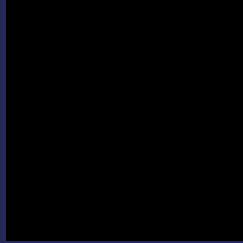
Any Text WCAG AA × Fail

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 242959 Background



This preview shows how black text looks on a background with the Hex color 242959.



This preview shows how white text looks on a background with the Hex color 242959.

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](#).

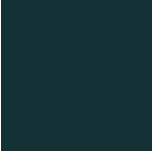
Dichromacy



Original Color
242959

Protanopia
0B2C5C

Deuteranopia
002F52



Tritanopia
143236

Trichromacy



Original Color

242959

Protanomaly

142B5B

Deuteranomaly

0D2D55

Tritanomaly

1A2F43

Monochromacy



Original Color

242959

Achromatopsia

2D2D2D

Achromatomaly

2A2C3D

CSS Examples

Text

The CSS property to change the color of the text to Hex 242959 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 #242959 looks like.

```
.text, #text, p{  
    color:#242959  
}
```

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 #242959 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #242959
}
```

Border

The CSS property to change the border of an element to Hex 242959 is called "border". The border property can be set on classes, ids or directly on the HTML element.

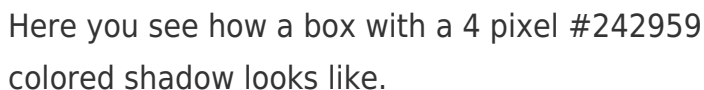
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#242959 }
```

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

```
.border{ border-color:#242959 }
```

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



Here you see how a box with a 4 pixel #242959 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #242959; -webkit-box-shadow:4px 4px  
4px 4px #242959; box-shadow:4px 4px 4px  
4px #242959 }
```

Background

The CSS property to change the background color of an element to Hex 242959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#242959 }
```

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

```
.background{ background-color:#242959 }
```

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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