

Converting Colors

Hex(235359)

Have a look what the booklet for
Hex(235359) contains.

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Color

Hex(235359)

Conversions

Conversions Part 1

Format	Color
Hex	235359
RGB	35, 83, 89
RGB Percent	14%, 33%, 35%
CMY	0.8627, 0.6745, 0.6510
CMYK	0.61, 0.07, 0.00, 0.65
HSL	187°, 44%, 24%
HSV	187°, 61%, 35%
XYZ	5.5896, 7.2651, 10.5589
YIQ	69.3320, -30.5340, -8.3100

Conversions

Conversions Part 2

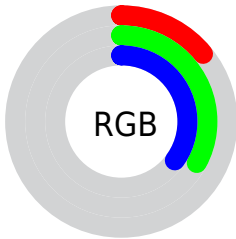
Format	Color
R _Y B	35, 60, 89
Decimal	2315097
CIE Lab	32.40, -14.19, -8.43
CIE LCh	32, 16.510, 210.714
Yxy	7.2651, 0.2387, 0.3103
Android (android.graphics.Color)	4280505177 (0xFF235359)
YUV	69.3320, 9.6963, -30.1092
Hunter-Lab	26.9539, -10.1528, -4.3585

Details

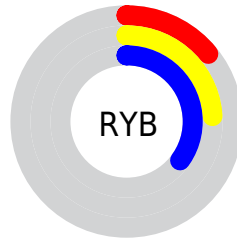
The Hex color **235359** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **592923**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **56858B**, and **00262C** is the 20% darker color. If you saturate the color by 10%, you get **1A5259**, and if you desaturate by 10%, it is **2C5459**.

Distribution



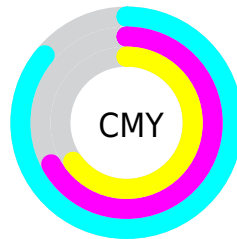
- Red (14%)
- Green (33%)
- Blue (35%)



- Red (14%)
- Yellow (24%)
- Blue (35%)



- Cyan (61%)
- Magenta (7%)
- Yellow (0%)
- Black (65%)



- Cyan (86%)
- Magenta (67%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 235359 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 235359 by changing the saturation by 10% instead.

 235359


 235359

FFFFFF

 053C42

 56858B

 00262C

 709FA5

 001017

 8ABAC0

 000000

 A5D6DC

 C1F2F9

 DDFFFF

 FAFFFF

 235359

 235359

■ 1A5259

■ 2C5459

■ 115159

■ 355559

■ 085059

■ 3E5659

■ 004F59

■ 475759

■ 505859

■ 585959

■ 615A59

■ 6A5B59

■ 735C59

Harmonies

Analogous

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



2A534C



235359



2A5162

Triad

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



235359



5D4559



554B32

Complementary

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



235359



592923

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.



604736



235359



65434C

Square

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



235359



4E4963



664440



474F36

Rectangle

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



235359



364F66



664440



594A33

Sweetspot

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



235359



5E7073



235928



2E393B



BABABA



3B3B3B

Same Dimension

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



235359



1F6973



233959



272B2B



005F6B



00D1EB

Inverse Universe

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



592353



731F69



594323



2B272B



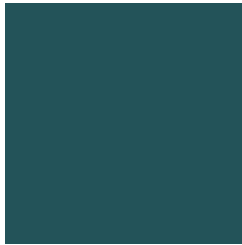
6B005F



EB00D1

Previews

White Background



This preview shows how the Hex color 235359 looks on a white background.

Color Contrast Check

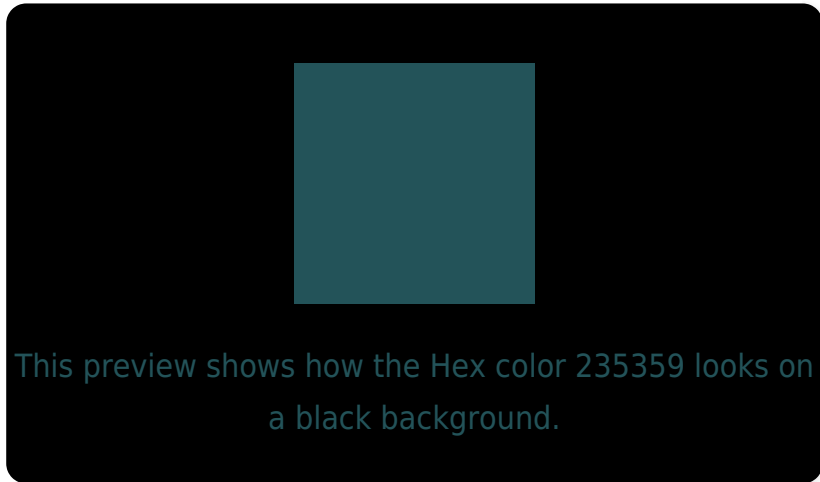
Large Text (above 18pt) WCAG AA ✓ Pass

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

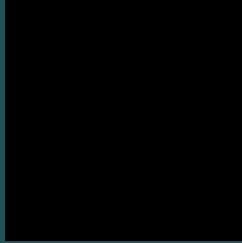
Any Text WCAG AA × Fail

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 235359 Background



This preview shows how black text looks on a background with the Hex color 235359.



This preview shows how white text looks on a background with the Hex color 235359.

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](#).

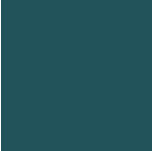
Dichromacy



Original Color
235359

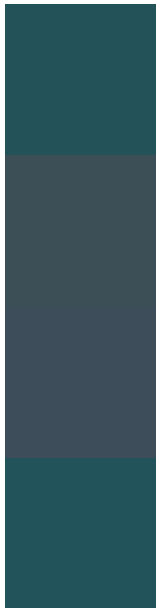
Protanopia
4B4B54

Deuteranopia
4C4A5B



Tritanopia
23535A

Trichromacy



Original Color
235359

Protanomaly
3C4E56

Deuteranomaly
3D4D5A

Tritanomaly
23535A

Monochromacy



Original Color
235359

Achromatopsia
454545

Achromatomaly
394A4C

CSS Examples

Text

The CSS property to change the color of the text to Hex 235359 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 #235359 looks like.

```
.text, #text, p{  
    color:#235359  
}
```

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 #235359 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #235359
}
```

Border

The CSS property to change the border of an element to Hex 235359 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".

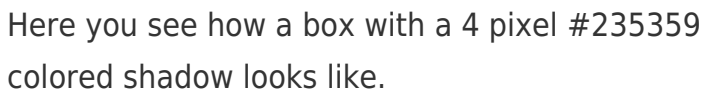
```
.border, #border, table{ border:4px solid
#235359 }
```

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

```
.border{ border-color:#235359 }
```

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

Here you see how a box with a 4 pixel #235359 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #235359; -webkit-box-shadow:4px 4px  
4px 4px #235359; box-shadow:4px 4px 4px  
4px #235359 }
```

Background

The CSS property to change the background color of an element to Hex 235359 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#235359 }
```

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

```
.background{ background-color:#235359 }
```

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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