

Converting Colors

Hex(239C50)

Have a look what the booklet for
Hex(239C50) contains.

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Color

Hex(239C50)

Conversions

Conversions Part 1

Format	Color
Hex	239C50
RGB	35, 156, 80
RGB Percent	14%, 61%, 31%
CMY	0.8627, 0.3882, 0.6863
CMYK	0.78, 0.00, 0.49, 0.39
HSL	142°, 63%, 37%
HSV	142°, 78%, 61%
XYZ	14.0296, 24.7134, 11.6202
YIQ	111.1570, -47.7200, -49.2880

Conversions

Conversions Part 2

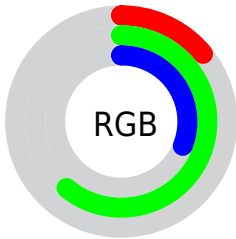
Format	Color
R_{YB}	35, 123, 156
Decimal	2333776
CIE _{Lab}	56.80, -49.53, 30.64
CIE _{LCh}	57, 58.241, 148.256
Yxy	24.7134, 0.2786, 0.4907
Android (android.graphics.Color)	4280523856 (0xFF239C50)
YUV	111.1570, -15.3604, -66.7897
Hunter-Lab	49.7126, -36.6220, 20.9400

Details

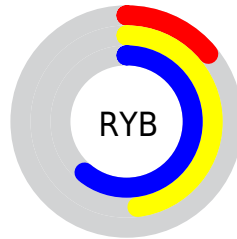
The Hex color **239C50** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **9C236F**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **64D483**, and **006721** is the 20% darker color. If you saturate the color by 10%, you get **139C46**, and if you desaturate by 10%, it is **339C5A**.

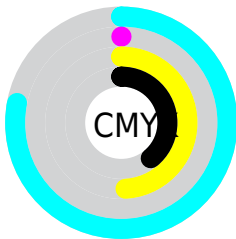
Distribution



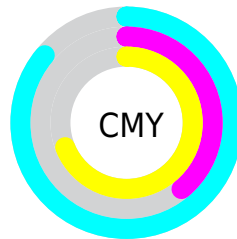
- Red (14%)
- Green (61%)
- Blue (31%)



- Red (14%)
- Yellow (48%)
- Blue (61%)



- Cyan (78%)
- Magenta (0%)
- Yellow (49%)
- Black (39%)



- Cyan (86%)
- Magenta (39%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 239C50 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 239C50 by changing the saturation by 10% instead.

 239C50

 239C50

FFFFFF

 008138

 64D483

 006721

 81F09D

 004E08

 9EFFB8

 003600

 BBFFD4

 002000

 D8FFF1

 000000

 F6FFFF

 239C50

 239C50

 139C46

 339C5A

■ 049C3C

■ 429C64

■ 009C3A

■ 529C6D

■ 619C77

■ 719C81

■ 819C8B

■ 909C95

■ A09C9E

■ AF9CA8

Harmonies

Analogous

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



739325



239C50



00A084

Triad

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



239C50



008FEE



E15D5B

Complementary

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



239C50



9C236F

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.



E0578D



239C50



827CE2

Square

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



239C50



009BDE



C366BE



CB7130

Rectangle

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



239C50



00A0A7



C366BE



E4596B

Sweetspot

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



239C50



9DCCAF



709C23



496654



E6E6E6



666666

Same Dimension

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



239C50



0ECC55



239C8C



474F4A



008F35



000F06

Inverse Universe

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



9C236F



CC0E85



9C2333



4F474C



8F005A



0F000A

Previews

White Background



This preview shows how the Hex color 239C50 looks on a white background.

Color Contrast Check

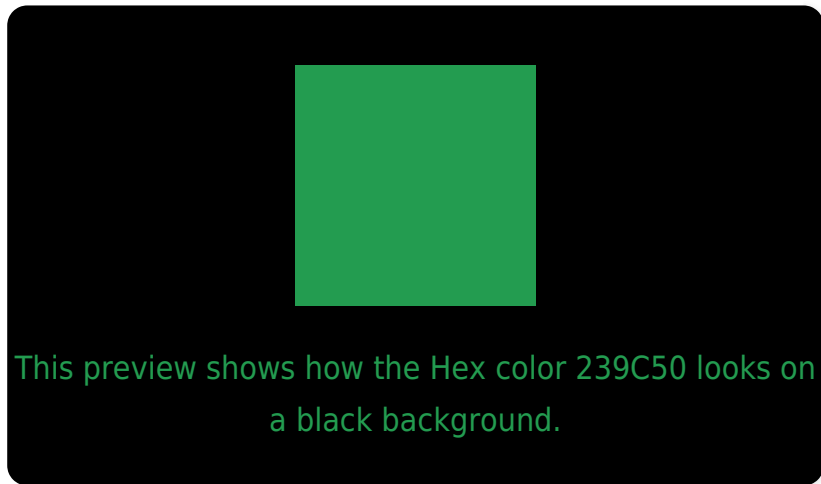
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

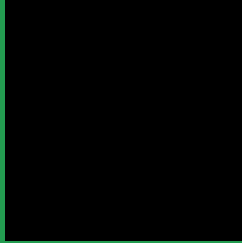
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 239C50 Background



This preview shows how black text looks on a background with the Hex color 239C50.




This preview shows how white text looks on a background with the Hex color 239C50.

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





Tritanopia
43939F

Trichromacy



Original Color
239C50



Protanomaly
6C8F4C



Deuteranomaly
748B54



Tritanomaly
379682

Monochromacy



Original Color
239C50



Achromatopsia
6F6F6F



Achromatomaly
537F64

CSS Examples

Text

The CSS property to change the color of the text to Hex 239C50 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 #239C50 looks like.

```
.text, #text, p{  
    color:#239C50  
}
```

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 #239C50 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #239C50
}
```

Border

The CSS property to change the border of an element to Hex 239C50 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
#239C50 }
```

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

```
.border{ border-color:#239C50 }
```

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

Here you see how a box with a 4 pixel #239C50 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #239C50; -webkit-box-shadow:4px 4px  
4px 4px #239C50; box-shadow:4px 4px 4px  
4px #239C50 }
```

Background

The CSS property to change the background color of an element to Hex 239C50 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#239C50 }
```

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

```
.background{ background-color:#239C50 }
```

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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