

Converting Colors

Hex(239C16)

Have a look what the booklet for
Hex(239C16) contains.

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Color

Hex(239C16)

Conversions

Conversions Part 1

Format	Color
Hex	239C16
RGB	35, 156, 22
RGB Percent	14%, 61%, 9%
CMY	0.8627, 0.3882, 0.9137
CMYK	0.78, 0.00, 0.86, 0.39
HSL	114°, 75%, 35%
HSV	114°, 86%, 61%
XYZ	12.7264, 24.1922, 4.7579
YIQ	104.5450, -29.1020, -67.3260

Conversions

Conversions Part 2

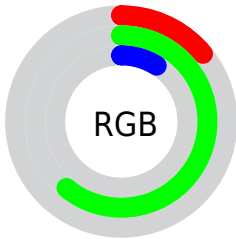
Format	Color
R_{YB}	22, 156, 143
Decimal	2333718
CIE _{Lab}	56.28, -55.76, 54.18
CIE _{LCh}	56, 77.741, 135.823
Yxy	24.1922, 0.3054, 0.5805
Android (android.graphics.Color)	4280523798 (0xFF239C16)
YUV	104.5450, -40.6947, -60.9910
Hunter-Lab	49.1856, -39.8891, 28.6946

Details

The Hex color **239C16** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **8F169C**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **66D450**, and **006700** is the 20% darker color. If you saturate the color by 10%, you get **159C06**, and if you desaturate by 10%, it is **319C26**.

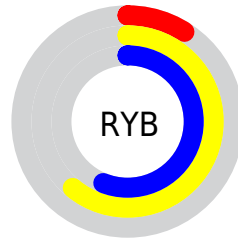
Distribution



Red (14%)

Green (61%)

Blue (9%)



Red (9%)

Yellow (61%)

Blue (56%)

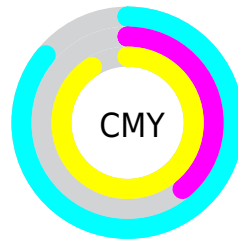


Cyan (78%)

Magenta (0%)

Yellow (86%)

Black (39%)



Cyan (86%)

Magenta (39%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 239C16 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 239C16 by changing the saturation by 10% instead.

 239C16

 239C16

FFFFFF

 008100

 66D450

 006700

 84F06B

 004E00

 A1FF86

 003600

 BFFFA1

 001E00

 DCFFBD

 000000

 FAFFDA

 FFFFF7

 239C16

 239C16

■ 159C06

■ 319C26

■ 0F9C00

■ 3F9C35

■ 4D9C45

■ 5B9C54

■ 699C64

■ 789C74

■ 869C83

■ 949C93

■ A29CA2

Harmonies

Analogous

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



828F00



239C16



00A263

Triad

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



239C16



0098FF



FC3566

Complementary

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



239C16



8F169C

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.



EE3BAA



239C16



0083FF

Square

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



239C16



00A2E7



B562E6



E95725

Rectangle

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



239C16



00A493



B562E6



FC307D

Sweetspot

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



239C16



9CCC97



9C8F16



496646



E6E6E6



666666

Same Dimension

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



239C16



14CC00



169C4C



484F47



0E8F00



010F00

Inverse Universe

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



8F169C



B800CC



9C1666



4E474F



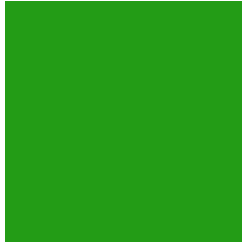
81008F



0E000F

Previews

White Background



This preview shows how the Hex color 239C16 looks on a white background.

Color Contrast Check

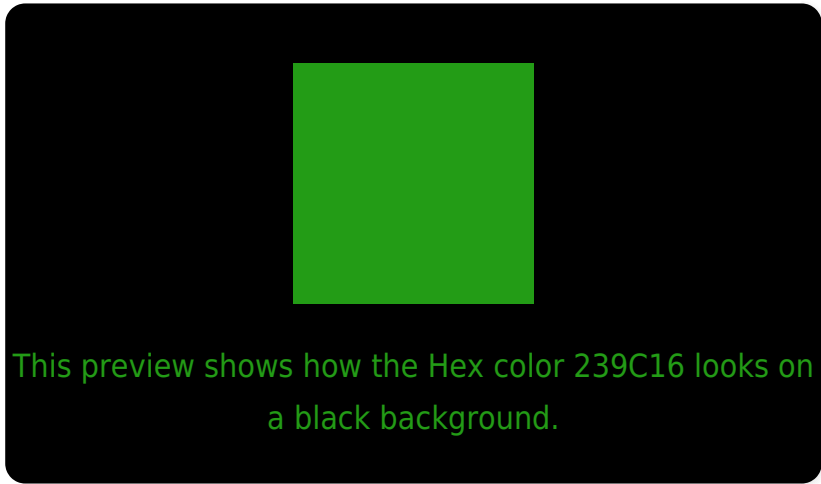
Large Text (above 18pt) WCAG AA ✓ Pass

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 239C16 Background



This preview shows how black text looks on a background with the Hex color 239C16.



This preview shows how white text looks on a background with the Hex color 239C16.

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
239C16

Protanopia
97860F

Deuteranopia
A87F27



Tritanopia
48919D

Trichromacy



Original Color
239C16



Protanomaly
6D8E12



Deuteranomaly
788A21



Tritanomaly
3B956C

Monochromacy



Original Color
239C16



Achromatopsia
696969



Achromatomaly
507C4B

CSS Examples

Text

The CSS property to change the color of the text to Hex 239C16 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 #239C16 looks like.

```
.text, #text, p{  
    color:#239C16  
}
```

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 #239C16 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #239C16
}
```

Border

The CSS property to change the border of an element to Hex 239C16 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
#239C16 }
```

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

```
.border{ border-color:#239C16 }
```

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

Here you see how a box with a 4 pixel #239C16 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #239C16; -webkit-box-shadow:4px 4px  
4px 4px #239C16; box-shadow:4px 4px 4px  
4px #239C16 }
```

Background

The CSS property to change the background color of an element to Hex 239C16 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#239C16 }
```

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

```
.background{ background-color:#239C16 }
```

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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