

# Converting Colors

Hex(239A38)

Have a look what the booklet for  
Hex(239A38) contains.

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**Color**

**Hex(239A38)**

# Conversions

## Conversions Part 1

Format	Color
Hex	239A38
RGB	35, 154, 56
RGB Percent	14%, 60%, 22%
CMY	0.8627, 0.3961, 0.7804
CMYK	0.77, 0.00, 0.64, 0.40
HSL	131°, 63%, 37%
HSV	131°, 77%, 60%
XYZ	12.9625, 23.7541, 7.6432
YIQ	107.2470, -39.4660, -55.7060

# Conversions

## Conversions Part 2

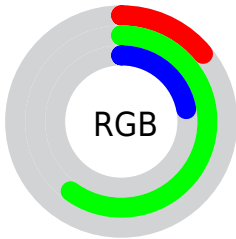
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	35, 136, 154
Decimal	2333240
CIE <sub>Lab</sub>	55.84, -52.29, 41.36
CIE <sub>LCh</sub>	56, 66.671, 141.657
Yxy	23.7541, 0.2922, 0.5355
Android (android.graphics.Color)	4280523320 (0xFF239A38)
YUV	107.2470, -25.2648, -63.3606
Hunter-Lab	48.7381, -37.8173, 24.8188

# Details

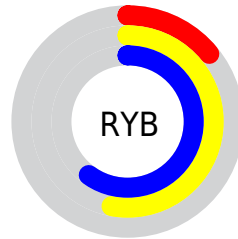
The Hex color **239A38** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **9A2385**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **64D26B**, and **006500** is the 20% darker color. If you saturate the color by 10%, you get **149A2B**, and if you desaturate by 10%, it is **329A45**.

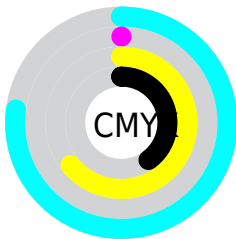
# Distribution



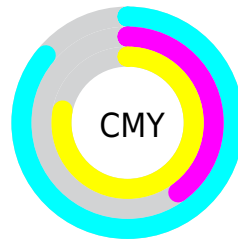
- Red (14%)
- Green (60%)
- Blue (22%)



- Red (14%)
- Yellow (53%)
- Blue (60%)



- Cyan (77%)
- Magenta (0%)
- Yellow (64%)
- Black (40%)



- Cyan (86%)
- Magenta (40%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 239A38 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 239A38 by changing the saturation by 10% instead.





239A38



239A38

FFFFFF



007F1E



64D26B



006500



81EE85



004C00



9EFFA0



003500



BBFFBB



001D00



D9FFD8



000000



F7FFF4



239A38



239A38



149A2B



329A45

■ 049A1F

■ 429A51

■ 009A1B

■ 519A5E

■ 619A6B

■ 709A77

■ 7F9A84

■ 8F9A91

■ 9E9A9D

■ AE9AAA

# Harmonies

## Analogous

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



788F00



239A38



009F73

# Triad

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



239A38



0092F9



EB4C5F

# Complementary

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



239A38



9A2385

# 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.



E44A99



239A38



617DF2

# Square

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



239A38



009CE0



BB62CE



D66529

# Rectangle

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



239A38



00A09C



BB62CE



EC4872



# Sweetspot

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



239A38



9BC9A3



869A23



49664E



E6E6E6



666666



# Same Dimension

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



239A38



0EC92F



239A72



454D46



008C19



000D02



# Inverse Universe

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



9A2385



C90EA8



9A234B



4D454B



8C0074



0D000B



# Previews

## White Background



This preview shows how the Hex color 239A38 looks on a white background.

## Color Contrast Check

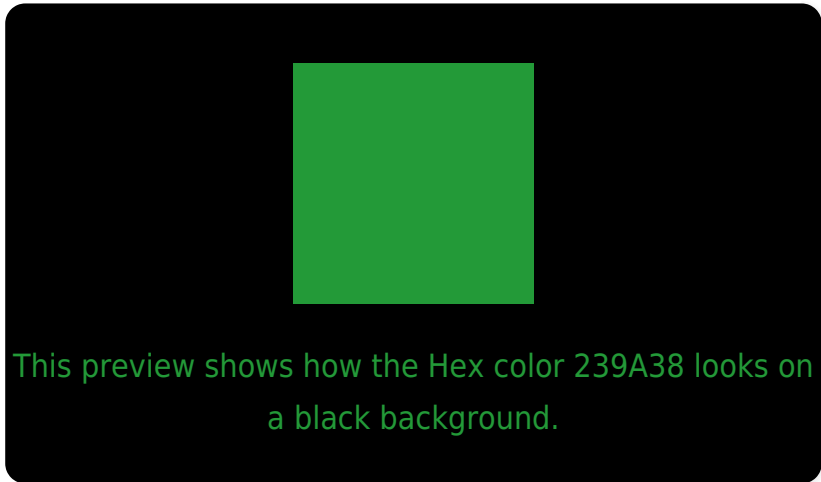
Large Text (above 18pt) WCAG AA ✓ Pass

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 239A38 Background



This preview shows how black text looks on a background with the Hex color 239A38.

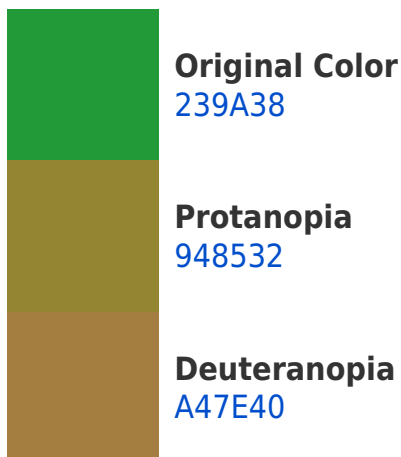


This preview shows how white text looks on a background with the Hex color 239A38.

# 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](#).

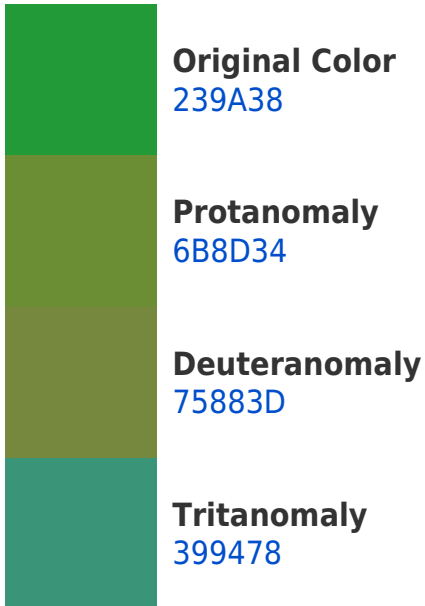
## Dichromacy



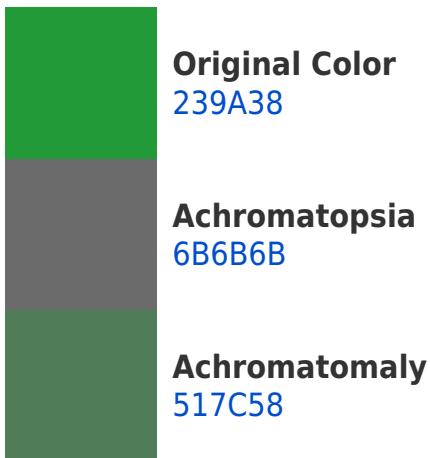


**Tritanopia**  
45909C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 239A38 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 #239A38 looks like.

```
.text, #text, p{  
    color:#239A38  
}
```

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 #239A38 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #239A38
}
```

## Border

The CSS property to change the border of an element to Hex 239A38 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
#239A38 }
```

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

```
.border{ border-color:#239A38 }
```

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

Here you see how a box with a 4 pixel #239A38 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #239A38; -webkit-box-shadow:4px 4px  
4px 4px #239A38; box-shadow:4px 4px 4px  
4px #239A38 }
```

# Background

The CSS property to change the background color of an element to Hex 239A38 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#239A38 }
```

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

```
.background{ background-color:#239A38 }
```

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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