

# Converting Colors

Hex(238C36)

Have a look what the booklet for  
Hex(238C36) contains.

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# Color

Hex(238C36)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	238C36
RGB	35, 140, 54
RGB Percent	14%, 55%, 21%
CMY	0.8627, 0.4510, 0.7882
CMYK	0.75, 0.00, 0.61, 0.45
HSL	131°, 60%, 34%
HSV	131°, 75%, 55%
XYZ	10.7371, 19.3798, 6.6648
YIQ	98.8010, -34.9740, -49.0060

# Conversions

## Conversions Part 2

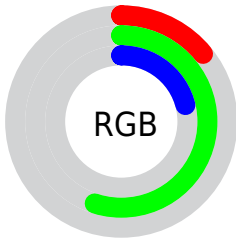
Format	Color
<a href="#">RYB</a>	<a href="#">35, 124, 140</a>
Decimal	<a href="#">2329654</a>
CIELab	<a href="#">51.13, -47.64, 36.92</a>
CIELCh	<a href="#">51, 60.273, 142.228</a>
Yxy	<a href="#">19.3798, 0.2919, 0.5269</a>
Android (android.graphics.Color)	<a href="#">4280519734 (0xFF238C36)</a>
YUV	<a href="#">98.8010, -22.0869, -55.9535</a>
Hunter-Lab	<a href="#">44.0225, -33.5034, 21.8395</a>

# Details

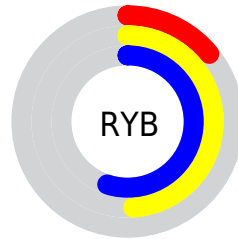
The Hex color **238C36** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **8C2379**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **61C368**, and **005801** is the 20% darker color. If you saturate the color by 10%, you get **158C2B**, and if you desaturate by 10%, it is **318C41**.

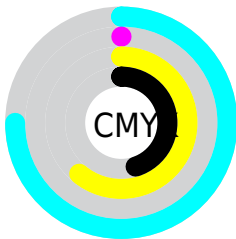
# Distribution



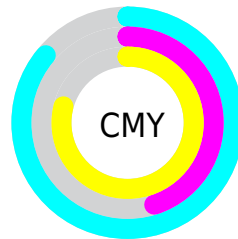
- Red (14%)
- Green (55%)
- Blue (21%)



- Red (14%)
- Yellow (49%)
- Blue (55%)



- Cyan (75%)
- Magenta (0%)
- Yellow (61%)
- Black (45%)



- Cyan (86%)
- Magenta (45%)
- Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 238C36 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 238C36 by changing the saturation by 10% instead.



 238C36

 238C36

FFFFFF

 00721D

 61C368

 005801

 7DDF82

 004000

 99FC9C

 002B00

 B6FFB8

 000800

 D3FFD4

 000000

 F1FFF0

 238C36

 238C36

 158C2B

 318C41

 078C1F

 3F8C4D

 008C19

 4D8C58

 5B8C64

 698C6F

 778C7B

 858C86

 938C92

 A18C9D

# Harmonies

## Analogous

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



6D8300



238C36



00916A

# Triad

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



238C36



0084E0



D44856

# Complementary

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



238C36



8C2379

# 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.



CF4689



238C36



5D72DA

# Square

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



238C36



008ECB



AA5ABA



C25D27

# Rectangle

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



238C36



00928E



AA5ABA



D54467



# Sweetspot

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



238C36



8BB593



7B8C23



425C47



DBDBDB



5C5C5C



# Same Dimension

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



238C36



12B530



238C69



3E453F



008518



000501



# Inverse Universe

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



8C2379



B51298



8C2346



453E44



85006D



050004



# Previews

## White Background



This preview shows how the Hex color 238C36 looks on a white background.

## Color Contrast Check

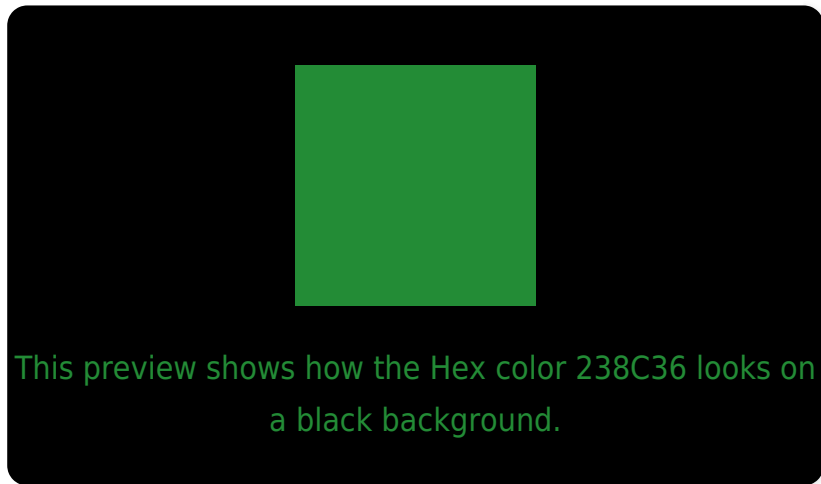
Large Text (above 18pt) WCAG AA ✓ Pass

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

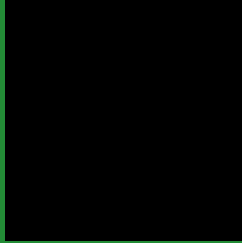
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 238C36 Background



This preview shows how black text looks on a background with the Hex color 238C36.



This preview shows how white text looks on a background with the Hex color 238C36.

# 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](#).

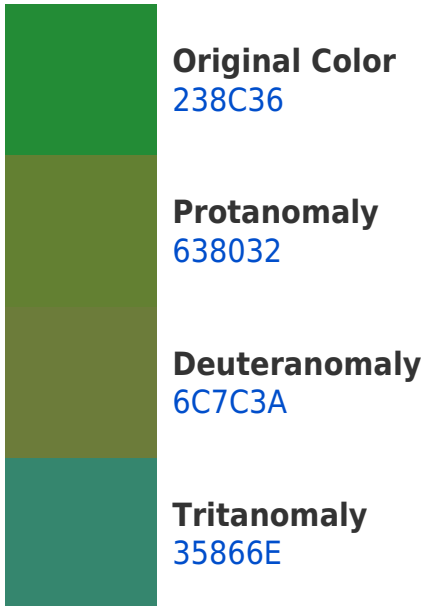
## Dichromacy



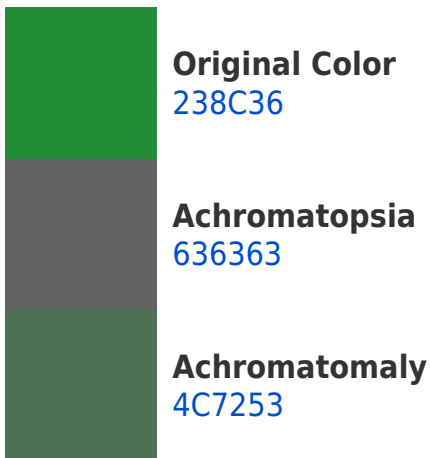


**Tritanopia**  
40838E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 238C36 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 #238C36 looks like.

```
.text, #text, p{  
    color:#238C36  
}
```

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 #238C36 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #238C36
}
```

## Border

The CSS property to change the border of an element to Hex 238C36 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
#238C36 }
```

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

```
.border{ border-color:#238C36 }
```

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

Here you see how a box with a 4 pixel #238C36 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #238C36; -webkit-box-shadow:4px 4px  
4px 4px #238C36; box-shadow:4px 4px 4px  
4px #238C36 }
```

# Background

The CSS property to change the background color of an element to Hex 238C36 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#238C36 }
```

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

```
.background{ background-color:#238C36 }
```

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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