

# Converting Colors

Hex(248829)

Have a look what the booklet for  
Hex(248829) contains.

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# Color

Hex(248829)

# Conversions

## Conversions Part 1

Format	Color
Hex	248829
RGB	36, 136, 41
RGB Percent	14%, 53%, 16%
CMY	0.8588, 0.4667, 0.8392
CMYK	0.74, 0.00, 0.70, 0.47
HSL	123°, 58%, 34%
HSV	123°, 74%, 53%
XYZ	9.9320, 18.1435, 5.0764
YIQ	95.2700, -29.1050, -50.7450

# Conversions

## Conversions Part 2

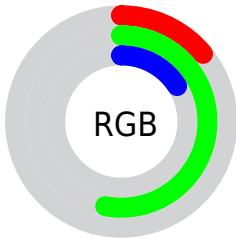
<b>Format</b>	<b>Color</b>
<b>RYB</b>	36, 131, 136
Decimal	2394153
CIELab	49.67, -47.55, 41.24
CIELCh	50, 62.945, 139.066
Yxy	18.1435, 0.2996, 0.5473
Android (android.graphics.Color)	4280584233 (0xFF248829)
YUV	95.2700, -26.7551, -51.9798
Hunter-Lab	42.5952, -32.9205, 22.7506

# Details

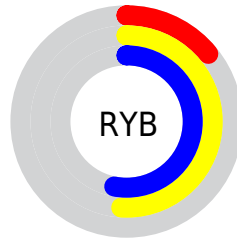
The Hex color **248829** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **882483**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **61BE5B**, and **005500** is the 20% darker color. If you saturate the color by 10%, you get **16881C**, and if you desaturate by 10%, it is **328836**.

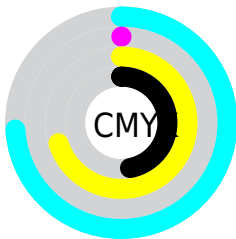
# Distribution



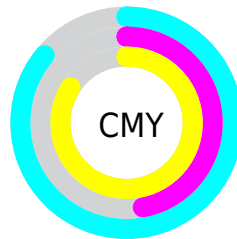
- Red (14%)
- Green (53%)
- Blue (16%)



- Red (14%)
- Yellow (51%)
- Blue (53%)



- Cyan (74%)
- Magenta (0%)
- Yellow (70%)
- Black (47%)



- Cyan (86%)
- Magenta (47%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 248829 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 248829 by changing the saturation by 10% instead.



 248829

 248829

FFFFFF

 006E0D

 61BE5B

 005500

 7DDB75

 003C00

 99F790

 002700

 B6FFAB

 000000

 D3FFC7

 F1FFE3

 248829

 248829

 16881C

 328836

■ 09880F

■ 3F8843

■ 008807

■ 4D8850

■ 5A885D

■ 68886A

■ 768877

■ 838883

■ 918890

■ 9E889D

# Harmonies

## Analogous

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



6E7E00



248829



008D60

# Triad

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



248829



0082E0



D43E57

# Complementary

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



248829



882483

# 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.



CB3F8C



248829



4670DC

# Square

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



248829



008BC6



A257BD



C25525

# Rectangle

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



248829



008E85



A257BD



D43B68



# Sweetspot

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



248829



89B08B



838824



425943



D9D9D9



595959



# Same Dimension

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



248829



15B01D



24885B



3E453E



008507



000500



# Inverse Universe

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



882483



B015A8



882451



453E45



85007E

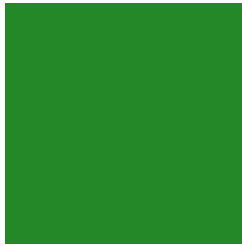


050005



# Previews

## White Background



This preview shows how the Hex color 248829 looks on a white background.

## Color Contrast Check

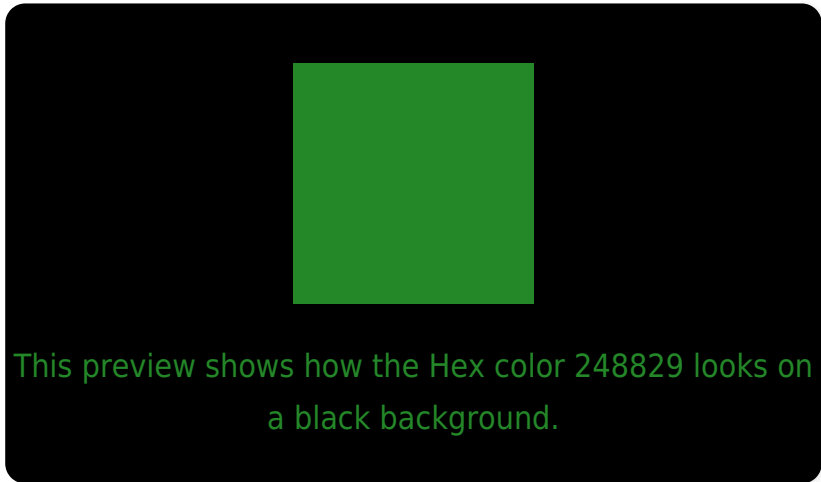
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × 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 248829 Background



This preview shows how black text looks on a background with the Hex color 248829.



This preview shows how white text looks on a background with the Hex color 248829.

# 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**  
407F89

# Trichromacy



**Original Color**  
248829



**Protanomaly**  
617D26



**Deuteranomaly**  
6A792F



**Tritanomaly**  
368266

# Monochromacy



**Original Color**  
248829



**Achromatopsia**  
5F5F5F



**Achromatomaly**  
4A6E4B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 248829 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 #248829 looks like.

```
.text, #text, p{  
    color:#248829  
}
```

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 #248829 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #248829
}
```

## Border

The CSS property to change the border of an element to Hex 248829 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
#248829 }
```

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

```
.border{ border-color:#248829 }
```

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

Here you see how a box with a 4 pixel #248829 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #248829; -webkit-box-shadow:4px 4px  
4px 4px #248829; box-shadow:4px 4px 4px  
4px #248829 }
```

# Background

The CSS property to change the background color of an element to Hex 248829 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#248829 }
```

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

```
.background{ background-color:#248829 }
```

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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