

# Converting Colors

Hex(2C9237)

Have a look what the booklet for  
Hex(2C9237) contains.

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**Color**

**Hex(2C9237)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2C9237
RGB	44, 146, 55
RGB Percent	17%, 57%, 22%
CMY	0.8275, 0.4275, 0.7843
CMYK	0.70, 0.00, 0.62, 0.43
HSL	126°, 54%, 37%
HSV	126°, 70%, 57%
XYZ	12.0072, 21.3691, 7.1062
YIQ	105.1280, -31.5810, -49.9250

# Conversions

## Conversions Part 2

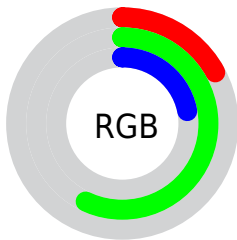
<b>Format</b>	<b>Color</b>
<b>RYB</b>	44, 136, 146
Decimal	2921015
CIELab	53.35, -48.04, 39.05
CIELCh	53, 61.911, 140.898
Yxy	21.3691, 0.2966, 0.5279
Android (android.graphics.Color)	4281111095 (0xFF2C9237)
YUV	105.1280, -24.7131, -53.6093
Hunter-Lab	46.2267, -34.5321, 23.2443

# Details

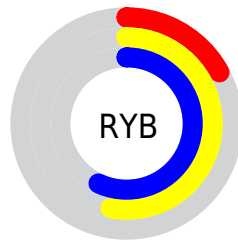
The Hex color **2C9237** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **922C87**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **68C969**, and **005E01** is the 20% darker color. If you saturate the color by 10%, you get **1D922A**, and if you desaturate by 10%, it is **3B9244**.

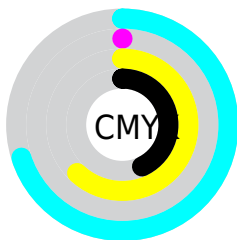
# Distribution



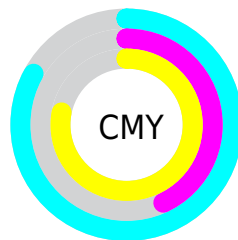
- Red (17%)
- Green (57%)
- Blue (22%)



- Red (17%)
- Yellow (53%)
- Blue (57%)



- Cyan (70%)
- Magenta (0%)
- Yellow (62%)
- Black (43%)



- Cyan (83%)
- Magenta (43%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2C9237 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 2C9237 by changing the saturation by 10% instead.



 2C9237

 2C9237

FFFFFF

 00781E

 68C969

 005E01

 84E583

 004500

 A1FF9E

 002F00

 BDFFB9

 001400

 DBFFD6

 000000

 F8FFF2

 2C9237

 2C9237

 1D922A

 3B9244

■ 0F921D

■ 499251

■ 009210

■ 58925E

■ 66926B

■ 759278

■ 849285

■ 929292

■ A1929F

■ AF92AC

# Harmonies

## Analogous

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



758800



2C9237



00976D

# Triad

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



2C9237



008AE9



DE4C5D

# Complementary

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



2C9237



922C87

# 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.



D64A92



2C9237



5C78E4

# Square

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



2C9237



0094D2



AF5FC3



CB612C

# Rectangle

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



2C9237



009892



AF5FC3



DE486E



# Sweetspot

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



2C9237



95BD99



88922C



475E49



DEDEDE



5E5E5E



# Same Dimension

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



2C9237



1EBD2F



2C9269



434A43



008A0F



000A01



# Inverse Universe

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



922C87



BD1EAC



922C55



4A4349



8A007B



0A0009



# Previews

## White Background



This preview shows how the Hex color 2C9237 looks on a white background.

## Color Contrast Check

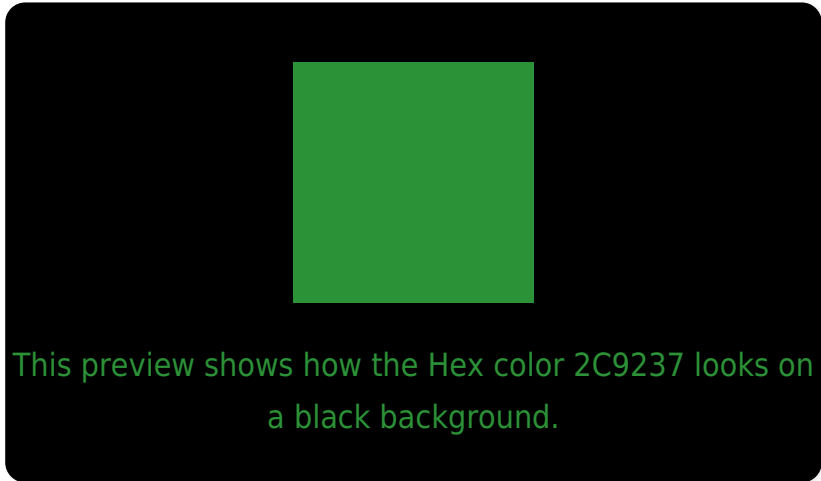
Large Text (above 18pt) WCAG AA ✓ Pass

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

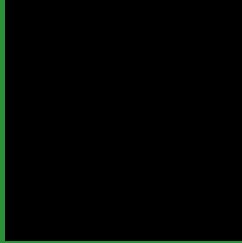
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 2C9237 Background



This preview shows how black text looks on a background with the Hex color 2C9237.

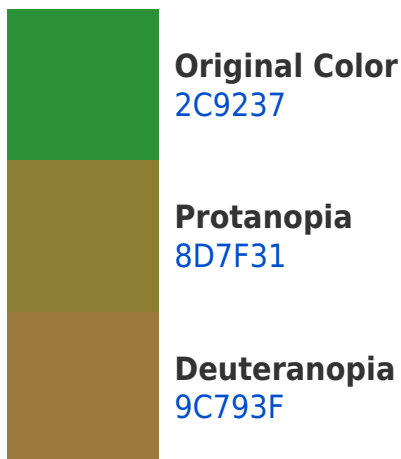


This preview shows how white text looks on a background with the Hex color 2C9237.

# 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**  
478994

# Trichromacy



**Original Color**  
2C9237



**Protanomaly**  
6A8633



**Deuteranomaly**  
73823C



**Tritanomaly**  
3D8C72

# Monochromacy



**Original Color**  
2C9237



**Achromatopsia**  
696969



**Achromatomaly**  
537857

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2C9237 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 #2C9237 looks like.

```
.text, #text, p{  
    color:#2C9237  
}
```

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 #2C9237 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C9237
}
```

## Border

The CSS property to change the border of an element to Hex 2C9237 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
#2C9237 }
```

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

```
.border{ border-color:#2C9237 }
```

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

Here you see how a box with a 4 pixel #2C9237 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C9237; -webkit-box-shadow:4px 4px  
4px 4px #2C9237; box-shadow:4px 4px 4px  
4px #2C9237 }
```

# Background

The CSS property to change the background color of an element to Hex 2C9237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C9237 }
```

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

```
.background{ background-color:#2C9237 }
```

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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