

# Converting Colors

Hex(249920)

Have a look what the booklet for  
Hex(249920) contains.

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# Color

Hex(249920)

# Conversions

## Conversions Part 1

Format	Color
Hex	249920
RGB	36, 153, 32
RGB Percent	14%, 60%, 13%
CMY	0.8588, 0.4000, 0.8745
CMYK	0.76, 0.00, 0.79, 0.40
HSL	118°, 65%, 36%
HSV	118°, 79%, 60%
XYZ	12.3795, 23.2618, 5.2040
YIQ	104.2230, -30.8910, -62.4350

# Conversions

## Conversions Part 2

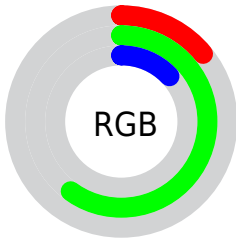
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	32, 153, 149
Decimal	2398496
CIE <sub>Lab</sub>	55.34, -54.05, 50.42
CIE <sub>LCh</sub>	55, 73.920, 136.992
Yxy	23.2618, 0.3031, 0.5695
Android (android.graphics.Color)	4280588576 (0xFF249920)
YUV	104.2230, -35.6059, -59.8316
Hunter-Lab	48.2305, -38.5871, 27.3640

# Details

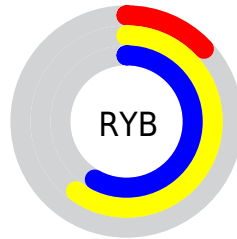
The Hex color **249920** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **952099**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **66D056**, and **006400** is the 20% darker color. If you saturate the color by 10%, you get **159911**, and if you desaturate by 10%, it is **33992F**.

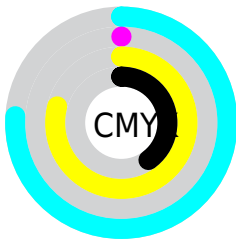
# Distribution



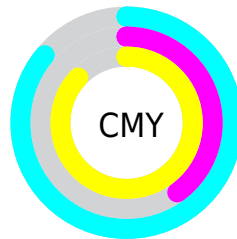
- Red (14%)
- Green (60%)
- Blue (13%)



- Red (13%)
- Yellow (60%)
- Blue (58%)



- Cyan (76%)
- Magenta (0%)
- Yellow (79%)
- Black (40%)



- Cyan (86%)
- Magenta (40%)
- Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 249920 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 249920 by changing the saturation by 10% instead.



 249920

 249920

FFFFFF

 007E00

 66D056

 006400

 83ED71

 004B00

 A0FF8C

 003400

 BDFFA7

 001B00

 DBFFC3

 000000

 F9FFE0

 FFFFFD

 249920

 249920

■ 159911

■ 33992F

■ 069901

■ 42993F

■ 059900

■ 50994E

■ 5F995D

■ 6E996C

■ 7D997C

■ 8C998B

■ 9A999A

■ A999AA

# Harmonies

## Analogous

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



7E8D00



249920



009F65

# Triad

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



249920



0094FF



F43B63

# Complementary

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



249920



952099

# 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.



E83FA3



249920



2E80FF

# Square

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



249920



009EE2



B360DD



E15926

# Rectangle

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



249920



00A192



B360DD



F43778



# Sweetspot

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



249920



99C797



999520



486347



E3E3E3



636363



# Same Dimension

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



249920



10C70A



209958



454D45



058C00



000D00



# Inverse Universe

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



952099



C10AC7



992061



4C454D



88008C



0C000D



# Previews

## White Background



This preview shows how the Hex color 249920 looks on a white background.

## Color Contrast Check

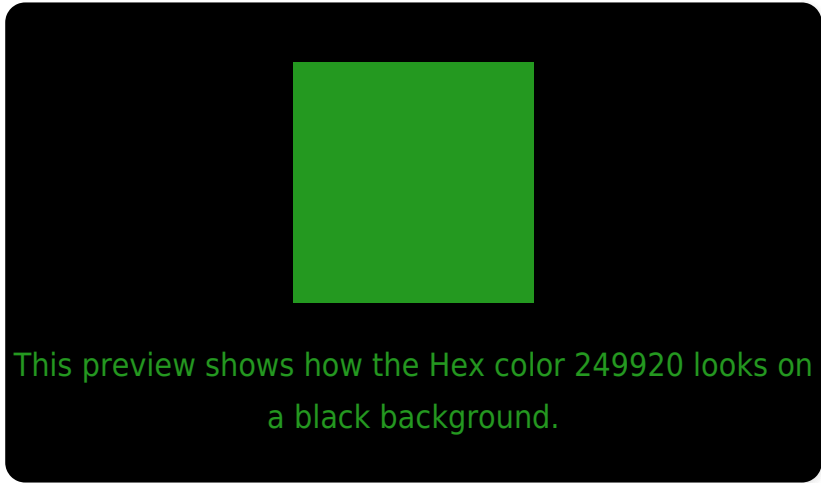
Large Text (above 18pt) WCAG AA ✓ Pass

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 249920 Background



This preview shows how black text looks on a background with the Hex color 249920.

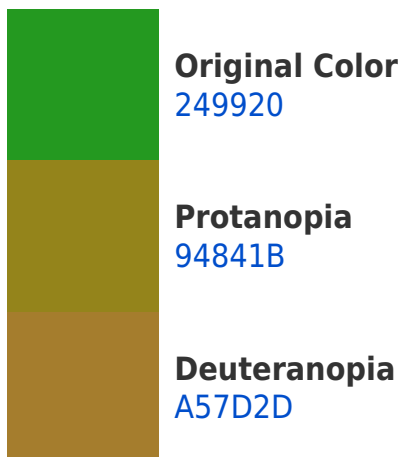


This preview shows how white text looks on a background with the Hex color 249920.

# 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**  
478F9A

# Trichromacy



**Original Color**

249920



**Protanomaly**

6B8C1D



**Deuteranomaly**

768728



**Tritanomaly**

3A936E

# Monochromacy



**Original Color**

249920



**Achromatopsia**

686868



**Achromatomaly**

4F7A4E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 249920 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 #249920 looks like.

```
.text, #text, p{  
    color:#249920  
}
```

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 #249920 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #249920
}
```

## Border

The CSS property to change the border of an element to Hex 249920 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
#249920 }
```

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

```
.border{ border-color:#249920 }
```

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

Here you see how a box with a 4 pixel #249920 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #249920; -webkit-box-shadow:4px 4px  
4px 4px #249920; box-shadow:4px 4px 4px  
4px #249920 }
```

# Background

The CSS property to change the background color of an element to Hex 249920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#249920 }
```

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

```
.background{ background-color:#249920 }
```

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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