

# Converting Colors

Hex(249924)

Have a look what the booklet for  
Hex(249924) contains.

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**Color**

**Hex(249924)**

# Conversions

## Conversions Part 1

Format	Color
Hex	249924
RGB	36, 153, 36
RGB Percent	14%, 60%, 14%
CMY	0.8588, 0.4000, 0.8588
CMYK	0.76, 0.00, 0.76, 0.40
HSL	120°, 62%, 37%
HSV	120°, 76%, 60%
XYZ	12.4372, 23.2849, 5.5080
YIQ	104.6790, -32.1750, -61.1910

# Conversions

## Conversions Part 2

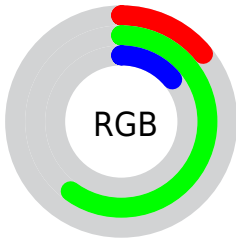
<b>Format</b>	<b>Color</b>
<b>RYB</b>	36, 153, 153
Decimal	2398500
CIELab	55.36, -53.76, 49.07
CIElCh	55, 72.793, 137.610
Yxy	23.2849, 0.3017, 0.5648
Android (android.graphics.Color)	4280588580 (0xFF249924)
YUV	104.6790, -33.8587, -60.2315
Hunter-Lab	48.2544, -38.4382, 27.0105

# Details

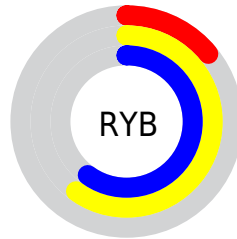
The Hex color **249924** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **992499**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **65D059**, and **006400** is the 20% darker color. If you saturate the color by 10%, you get **159915**, and if you desaturate by 10%, it is **339933**.

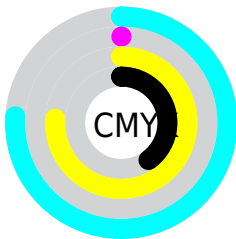
# Distribution



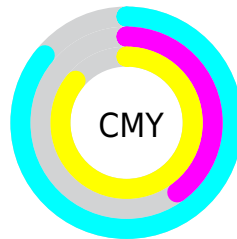
- Red (14%)
- Green (60%)
- Blue (14%)



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



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



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 249924 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 249924 by changing the saturation by 10% instead.



 249924

 249924

FFFFFF

 007E00

 65D059

 006400

 83ED74

 004B00

 A0FF8E

 003400

 BDFFAA

 001B00

 DBFFC6

 000000

 F8FFE3

 249924

 249924

 159915

 339933

 059905

 439943

 009900

 529952

 619961

 719971

 809980

 8F998F

 9E999E

 AE99AE

# Harmonies

## Analogous

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



7D8D00



249924



009F67

# Triad

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



249924



0094FF



F33E63

# Complementary

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



249924



992499

# 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.



E740A2



249924



397FFE

# Square

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



249924



009EE1



B460DB



DF5B26

# Rectangle

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



249924



00A094



B460DB



F33977



# Sweetspot

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



249924



99C799



999924



486348



E3E3E3



636363



# Same Dimension

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



249924



10C710



24995F



454D45



008C00



000D00



# Inverse Universe

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



992499



C710C7



99245F



4D454D



8C008C



0D000D



# Previews

## White Background



This preview shows how the Hex color 249924 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

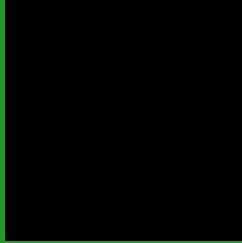
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 249924 Background



This preview shows how black text looks on a background with the Hex color 249924.

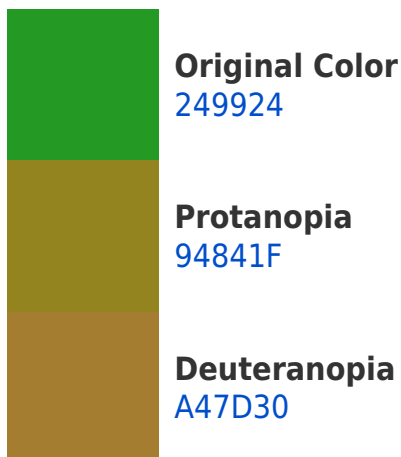


This preview shows how white text looks on a background with the Hex color 249924.

# 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](#).

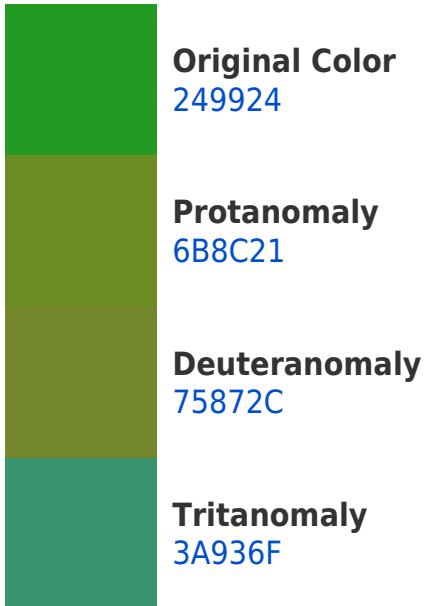
## Dichromacy



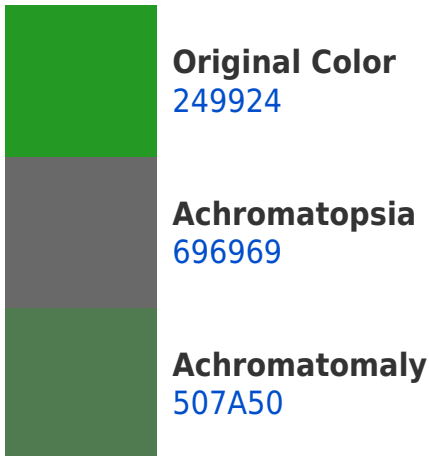


**Tritanopia**  
478F9A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 249924 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 #249924 looks like.

```
.text, #text, p{  
    color:#249924  
}
```

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 #249924 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #249924
}
```

## Border

The CSS property to change the border of an element to Hex 249924 is called "border". The border property can be set on classes, ids or directly on the HTML element.

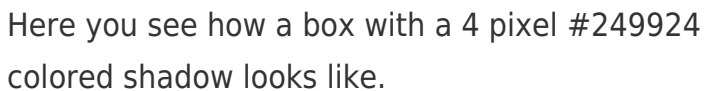
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#249924 }
```

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

```
.border{ border-color:#249924 }
```

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



Here you see how a box with a 4 pixel #249924 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #249924; -webkit-box-shadow:4px 4px  
4px 4px #249924; box-shadow:4px 4px 4px  
4px #249924 }
```

# Background

The CSS property to change the background color of an element to Hex 249924 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#249924 }
```

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

```
.background{ background-color:#249924 }
```

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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