

Converting Colors

Hex(249109)

Have a look what the booklet for
Hex(249109) contains.

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Color

Hex(249109)

Conversions

Conversions Part 1

Format	Color
Hex	249109
RGB	36, 145, 9
RGB Percent	14%, 57%, 4%
CMY	0.8588, 0.4314, 0.9647
CMYK	0.75, 0.00, 0.94, 0.43
HSL	108°, 88%, 30%
HSV	108°, 94%, 57%
XYZ	10.9023, 20.6456, 3.6688
YIQ	96.9050, -21.3080, -65.4040

Conversions

Conversions Part 2

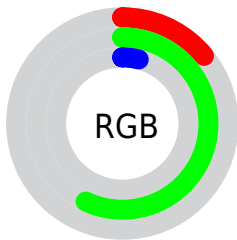
Format	Color
RYB	9, 145, 118
Decimal	2396425
CIELab	52.56, -52.58, 53.61
CIELCh	53, 75.087, 134.443
Yxy	20.6456, 0.3096, 0.5862
Android (android.graphics.Color)	4280586505 (0xFF249109)
YUV	96.9050, -43.3372, -53.4137
Hunter-Lab	45.4374, -36.6862, 27.0188

Details

The Hex color **249109** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **760991**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **64C848**, and **005D00** is the 20% darker color. If you saturate the color by 10%, you get **1D9100**, and if you desaturate by 10%, it is **309117**.

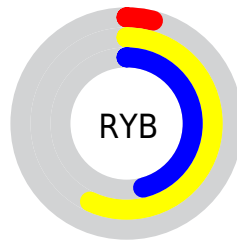
Distribution



Red (14%)

Green (57%)

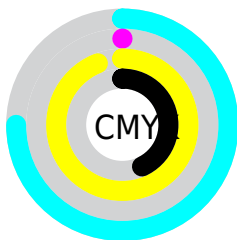
Blue (4%)



Red (4%)

Yellow (57%)

Blue (46%)

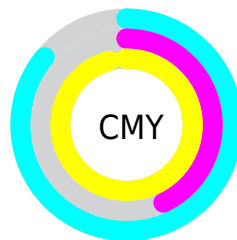


Cyan (75%)

Magenta (0%)

Yellow (94%)

Black (43%)



Cyan (86%)

Magenta (43%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 249109 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 249109 by changing the saturation by 10% instead.

 249109

 249109

FFFFFF

 007700

 64C848

 005D00

 81E462

 004400

 9EFF7D

 002E00

 BCFF99

 001000

 D9FFB4

 000000

 F7FFD1

 FFFFEE

 249109

 249109

■ 1D9100

■ 309117

■ 3B9126

■ 479135

■ 529143

■ 5E9152

■ 6A9160

■ 75916F

■ 81917D

■ 8D918B

Harmonies

Analogous

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



7B8400



249109



009758

Triad

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



249109



008EFB



ED2C61

Complementary

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



249109



760991

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.



DE35A2



249109



007BFC

Square

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



249109



0097D7



A55BDB



DB4E23

Rectangle

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



249109



009986



A55BDB



EC2877

Sweetspot

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



249109



92BD88



917609



455E3E



DEDEDE



5E5E5E

Same Dimension

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



249109



25BD00



099132



424740



1B8700



020800

Inverse Universe

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



760991



9700BD



910968



464047



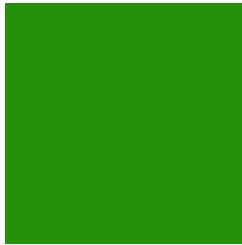
6C0087



060008

Previews

White Background



This preview shows how the Hex color 249109 looks on a white background.

Color Contrast Check

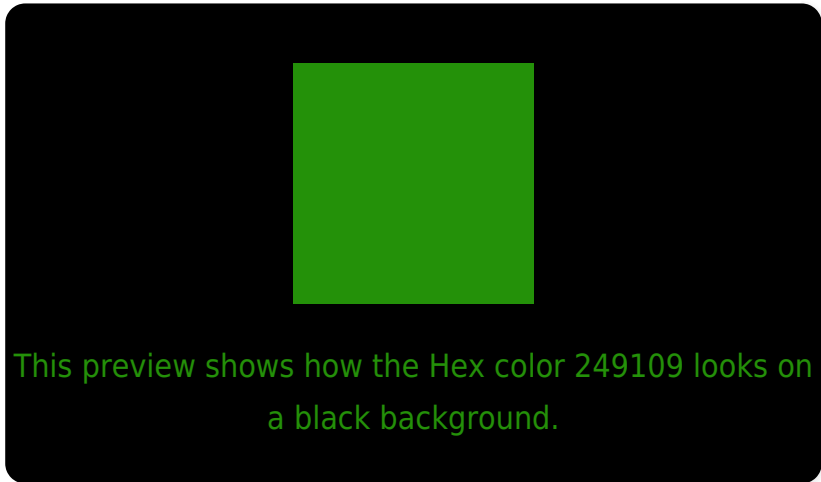
Large Text (above 18pt) WCAG AA ✓ Pass

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

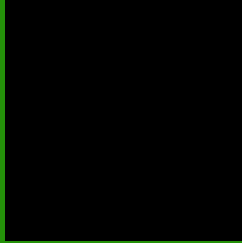
Any Text WCAG AA ✓ Pass

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 249109 Background



This preview shows how black text looks on a background with the Hex color 249109.



This preview shows how white text looks on a background with the Hex color 249109.

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



Original Color
249109

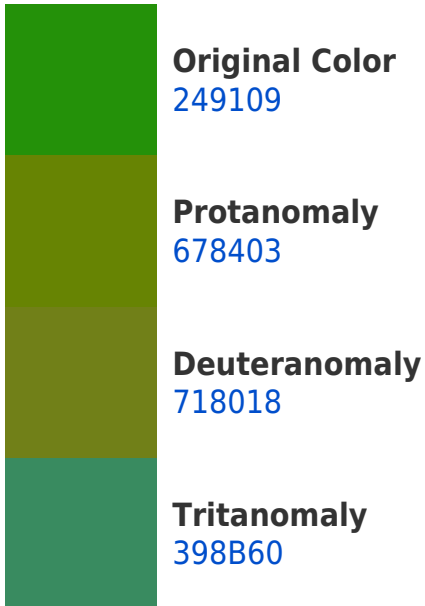
Protanopia
8D7D00

Deuteranopia
9D7620

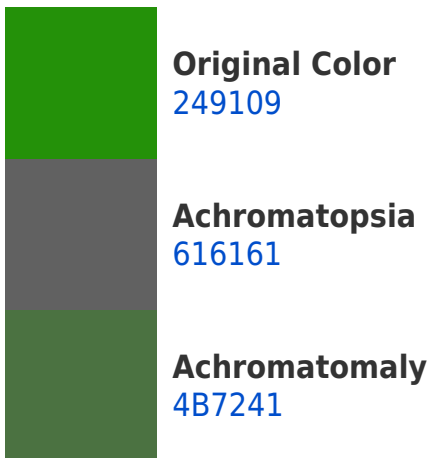


Tritanopia
458792

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 249109 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 #249109 looks like.

```
.text, #text, p{  
    color:#249109  
}
```

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 #249109 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #249109
}
```

Border

The CSS property to change the border of an element to Hex 249109 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
#249109 }
```

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

```
.border{ border-color:#249109 }
```

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

Here you see how a box with a 4 pixel #249109 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #249109; -webkit-box-shadow:4px 4px  
4px 4px #249109; box-shadow:4px 4px 4px  
4px #249109 }
```

Background

The CSS property to change the background color of an element to Hex 249109 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#249109 }
```

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

```
.background{ background-color:#249109 }
```

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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