

Converting Colors

Hex(249814)

Have a look what the booklet for
Hex(249814) contains.

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Color

Hex(249814)

Conversions

Conversions Part 1

Format	Color
Hex	249814
RGB	36, 152, 20
RGB Percent	14%, 60%, 8%
CMY	0.8588, 0.4039, 0.9216
CMYK	0.76, 0.00, 0.87, 0.40
HSL	113°, 77%, 34%
HSV	113°, 87%, 60%
XYZ	12.0821, 22.8820, 4.4417
YIQ	102.2680, -26.7640, -65.6440

Conversions

Conversions Part 2

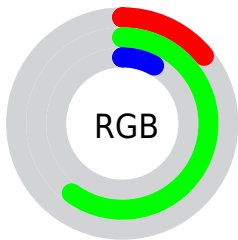
Format	Color
R_{YB}	20, 152, 136
Decimal	2398228
CIE Lab	54.95, -54.42, 53.48
CIE LCh	55, 76.299, 135.498
Yxy	22.8820, 0.3066, 0.5807
Android (android.graphics.Color)	4280588308 (0xFF249814)
YUV	102.2680, -40.5581, -58.1170
Hunter-Lab	47.8352, -38.6266, 27.9793

Details

The Hex color **249814** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **881498**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **66CF4E**, and **006300** is the 20% darker color. If you saturate the color by 10%, you get **179805**, and if you desaturate by 10%, it is **319823**.

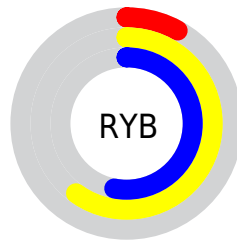
Distribution



Red (14%)

Green (60%)

Blue (8%)



Red (8%)

Yellow (60%)

Blue (53%)

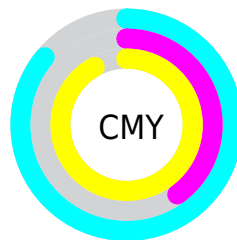


Cyan (76%)

Magenta (0%)

Yellow (87%)

Black (40%)



Cyan (86%)

Magenta (40%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color 249814 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 249814 by changing the saturation by 10% instead.

 249814

 249814

FFFFFF

 007D00

 66CF4E

 006300

 83EC69

 004A00

 A0FF84

 003300

 BEFF9F

 001A00

 DBFFBB

 000000

 F9FFD8

 FFFFF5

 249814

 249814

■ 179805

■ 319823

■ 129800

■ 3F9832

■ 4C9842

■ 599851

■ 679860

■ 74986F

■ 82987E

■ 8F988E

■ 9C989D

Harmonies

Analogous

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



7F8B00



249814



009E60

Triad

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



249814



0094FF



F63365

Complementary

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



249814



881498

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.



E83AA6



249814



0080FF

Square

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



249814



009EE1



B05FE1



E35424

Rectangle

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



249814



00A08E



B05FE1



F52F7A

Sweetspot

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



249814



97C491



988614



486345



E3E3E3



636363

Same Dimension

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



249814



18C400



149844



464D45



118C00



020D00

Inverse Universe

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



881498



AD00C4



981468



4C454D



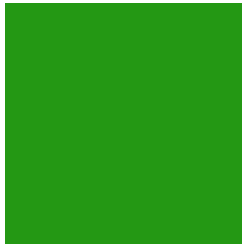
7B008C



0B000D

Previews

White Background



This preview shows how the Hex color 249814 looks on a white background.

Color Contrast Check

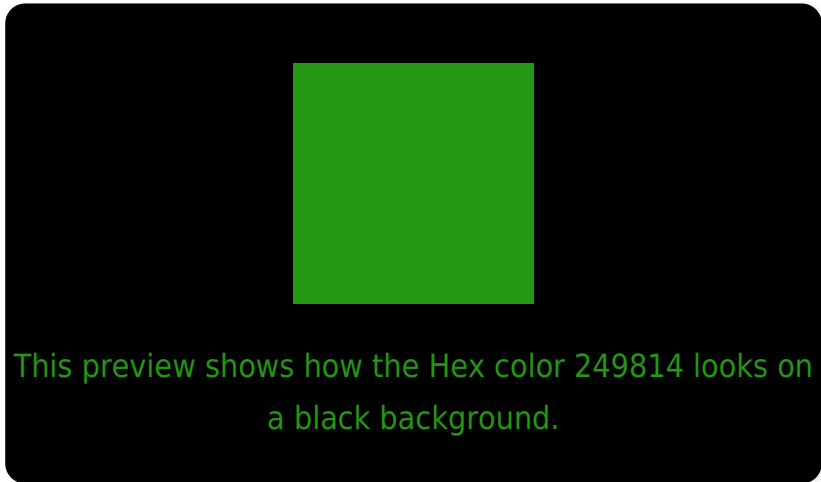
Large Text (above 18pt) WCAG AA ✓ Pass

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

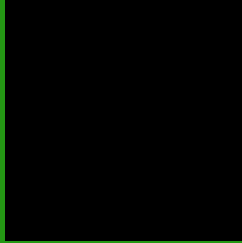
Any Text WCAG AA ✓ Pass

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 249814 Background



This preview shows how black text looks on a background with the Hex color 249814.



This preview shows how white text looks on a background with the Hex color 249814.

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
249814

Protanopia
93830D

Deuteranopia
A47C25



Tritanopia
478D99

Trichromacy



Original Color

249814



Protanomaly

6B8B10



Deuteranomaly

75861F



Tritanomaly

3A9169

Monochromacy



Original Color

249814



Achromatopsia

666666



Achromatomaly

4E7848

CSS Examples

Text

The CSS property to change the color of the text to Hex 249814 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 #249814 looks like.

```
.text, #text, p{  
    color:#249814  
}
```

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 #249814 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #249814
}
```

Border

The CSS property to change the border of an element to Hex 249814 is called "border". The border property can be set on classes, ids or directly on the HTML element.

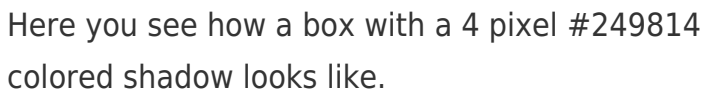
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#249814 }
```

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

```
.border{ border-color:#249814 }
```

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



Here you see how a box with a 4 pixel #249814 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #249814; -webkit-box-shadow:4px 4px  
4px 4px #249814; box-shadow:4px 4px 4px  
4px #249814 }
```

Background

The CSS property to change the background color of an element to Hex 249814 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#249814 }
```

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

```
.background{ background-color:#249814 }
```

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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