

Converting Colors

Hex(249006)

Have a look what the booklet for
Hex(249006) contains.

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Color

Hex(249006)

Conversions

Conversions Part 1

Format	Color
Hex	249006
RGB	36, 144, 6
RGB Percent	14%, 56%, 2%
CMY	0.8588, 0.4353, 0.9765
CMYK	0.75, 0.00, 0.96, 0.44
HSL	107°, 92%, 29%
HSV	107°, 96%, 56%
XYZ	10.7337, 20.3347, 3.5316
YIQ	95.9760, -20.0700, -65.8140

Conversions

Conversions Part 2

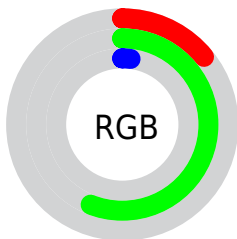
Format	Color
R _{YB}	6, 144, 114
Decimal	2396166
CIE Lab	52.21, -52.34, 53.83
CIE LCh	52, 75.082, 134.200
Yxy	20.3347, 0.3102, 0.5877
Android (android.graphics.Color)	4280586246 (0xFF249006)
YUV	95.9760, -44.3582, -52.5990
Hunter-Lab	45.0941, -36.4264, 26.9225

Details

The Hex color **249006** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **720690**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **64C746**, and **005C00** is the 20% darker color. If you saturate the color by 10%, you get **1F9000**, and if you desaturate by 10%, it is **2F9014**.

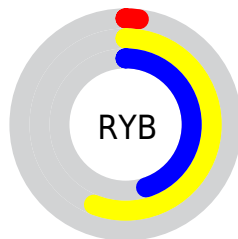
Distribution



Red (14%)

Green (56%)

Blue (2%)



Red (2%)

Yellow (56%)

Blue (45%)

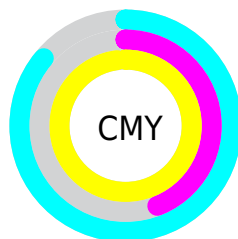


Cyan (75%)

Magenta (0%)

Yellow (96%)

Black (44%)



Cyan (86%)

Magenta (44%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 249006 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 249006 by changing the saturation by 10% instead.

 249006

 249006

FFFFFF

 007600

 64C746

 005C00

 81E361

 004300

 9EFF7C

 002E00

 BBFF97

 000F00

 D9FFB3

 000000

 F7FFCF

 FFFFEC

 249006

 249006

■ 1F9000

■ 2F9014

■ 3B9023

■ 469031

■ 519040

■ 5C904E

■ 68905C

■ 73906B

■ 7E9079

■ 899088

Harmonies

Analogous

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



7B8300



249006



009657

Triad

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



249006



008EFA



EC2A61

Complementary

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



249006



720690

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.



DD34A1



249006



007AFB

Square

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



249006



0096D6



A45BDA



DB4C22

Rectangle

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



249006



009884



A45BDA



EB2676

Sweetspot

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



249006



90BA84



907006



455E3D



DEDEDE



5E5E5E

Same Dimension

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



249006



28BA00



06902B



424740



1D8700



020800

Inverse Universe

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



720690



9200BA



90066B



464047



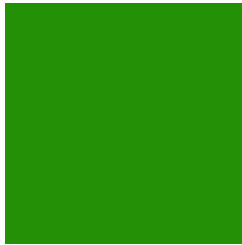
6A0087



060008

Previews

White Background



This preview shows how the Hex color 249006 looks on a white background.

Color Contrast Check

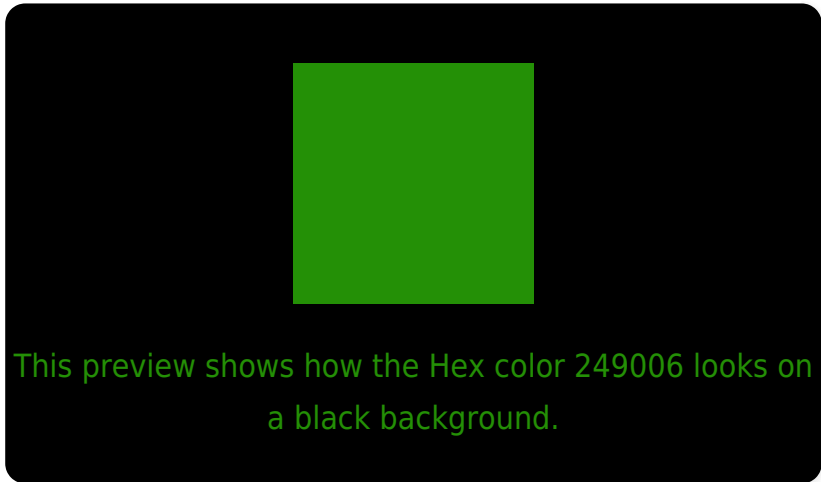
Large Text (above 18pt) WCAG AA ✓ Pass

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 249006 Background



This preview shows how black text looks on a background with the Hex color 249006.

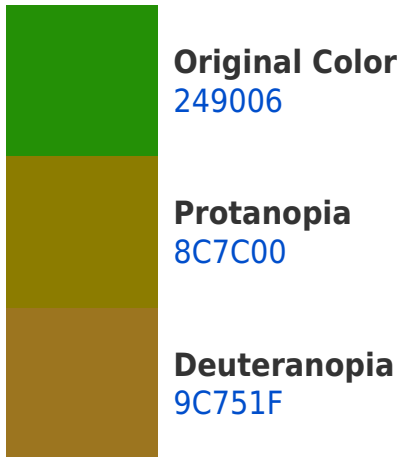


This preview shows how white text looks on a background with the Hex color 249006.

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
458691

Trichromacy



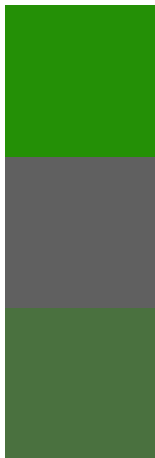
Original Color
249006

Protanomaly
668302

Deuteranomaly
707F16

Tritanomaly
398A5E

Monochromacy



Original Color
249006

Achromatopsia
606060

Achromatomaly
4A713F

CSS Examples

Text

The CSS property to change the color of the text to Hex 249006 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 #249006 looks like.

```
.text, #text, p{  
    color:#249006  
}
```

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 #249006 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #249006
}
```

Border

The CSS property to change the border of an element to Hex 249006 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
#249006 }
```

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

```
.border{ border-color:#249006 }
```

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

Here you see how a box with a 4 pixel #249006 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #249006; -webkit-box-shadow:4px 4px  
4px 4px #249006; box-shadow:4px 4px 4px  
4px #249006 }
```

Background

The CSS property to change the background color of an element to Hex 249006 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#249006 }
```

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

```
.background{ background-color:#249006 }
```

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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