

Converting Colors

Hex(419900)

Have a look what the booklet for
Hex(419900) contains.

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Color

Hex(419900)

Conversions

Conversions Part 1

Format	Color
Hex	419900
RGB	65, 153, 0
RGB Percent	25%, 60%, 0%
CMY	0.7451, 0.4000, 1.0000
CMYK	0.58, 0.00, 1.00, 0.40
HSL	95°, 100%, 30%
HSV	95°, 100%, 60%
XYZ	13.5712, 23.9063, 3.8991
YIQ	109.2460, -3.3350, -66.2390

Conversions

Conversions Part 2

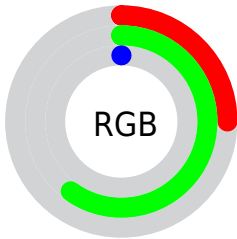
Format	Color
RYB	0, 153, 88
Decimal	4299008
CIELab	55.99, -48.98, 58.21
CIELCh	56, 76.074, 130.083
Yxy	23.9063, 0.3280, 0.5778
Android (android.graphics.Color)	4282489088 (0xFF419900)
YUV	109.2460, -53.8583, -38.8037
Hunter-Lab	48.8941, -36.0195, 29.4977

Details

The Hex color **419900** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **580099**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **7BD046**, and **006500** is the 20% darker color. If you saturate the color by 10%, you get **419900**, and if you desaturate by 10%, it is **4A990F**.

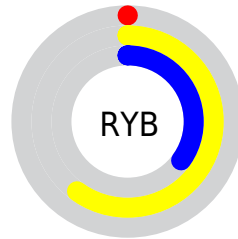
Distribution



Red (25%)

Green (60%)

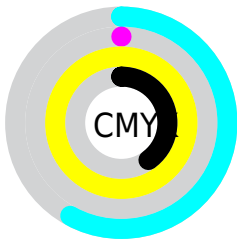
Blue (0%)



Red (0%)

Yellow (60%)

Blue (35%)

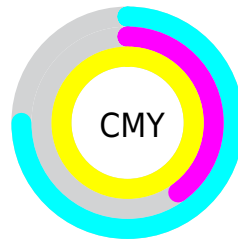


Cyan (58%)

Magenta (0%)

Yellow (100%)

Black (40%)



Cyan (75%)

Magenta (40%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 419900 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 419900 by changing the saturation by 10% instead.

 419900

 419900

FFFFFF

 1F7E00

 7BD046

 006500

 98ED61

 004C00

 B5FF7D

 003400

 D2FF98

 001D00

 F0FFB4

 000000

 FFFFD1

 FFFFEE

 419900

 4A990F

 53991F

 5B992E

 64993D

 6D994D

 76995C

 7F996B

 87997A

 90998A

Harmonies

Analogous

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



8E8A00



419900



00A056

Triad

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



419900



009AFF



F93573

Complementary

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



419900



580099

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.



E444B5



419900



0087FF

Square

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



419900



00A2DA



A369ED



EC5133

Rectangle

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



419900



00A384



A369ED



F63489

Sweetspot

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



419900



A5C78B



995700



4F6340



E3E3E3



636363

Same Dimension

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



419900



55C700



00990A



484D45



3C8C00



050D00

Inverse Universe

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



580099



7200C7



99008F



49454D



51008C



07000D

Previews

White Background



This preview shows how the Hex color 419900 looks on a white background.

Color Contrast Check

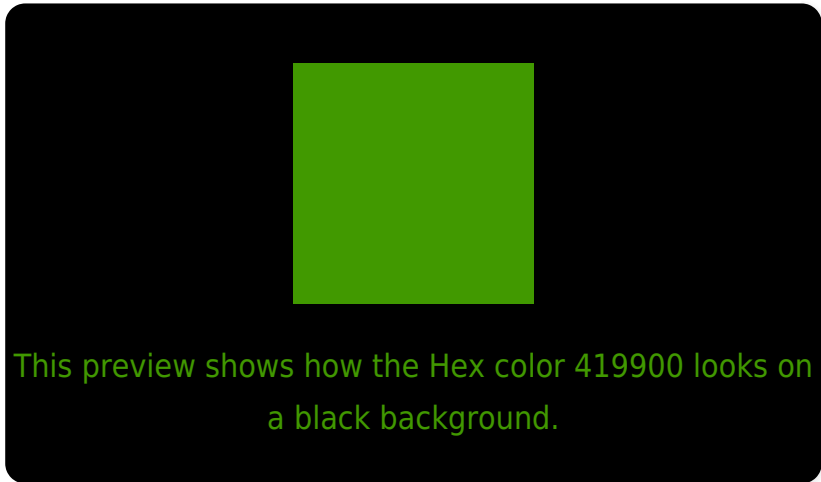
Large Text (above 18pt) WCAG AA ✓ Pass

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 419900 Background



This preview shows how black text looks on a background with the Hex color 419900.

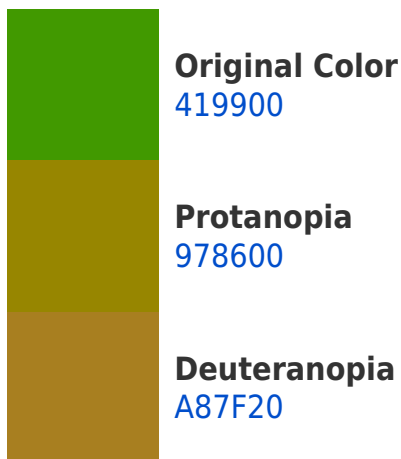


This preview shows how white text looks on a background with the Hex color 419900.

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
598E9A

Trichromacy



Original Color
419900

Protanomaly
788D00

Deuteranomaly
838814

Tritanomaly
509262

Monochromacy



Original Color
419900

Achromatopsia
6D6D6D

Achromatomaly
5D7D45

CSS Examples

Text

The CSS property to change the color of the text to Hex 419900 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 #419900 looks like.

```
.text, #text, p{  
    color:#419900  
}
```

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 #419900 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #419900
}
```

Border

The CSS property to change the border of an element to Hex 419900 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
#419900 }
```

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

```
.border{ border-color:#419900 }
```

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

Here you see how a box with a 4 pixel #419900 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #419900; -webkit-box-shadow:4px 4px  
4px 4px #419900; box-shadow:4px 4px 4px  
4px #419900 }
```

Background

The CSS property to change the background color of an element to Hex 419900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#419900 }
```

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

```
.background{ background-color:#419900 }
```

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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