

Converting Colors

Hex(218900)

Have a look what the booklet for
Hex(218900) contains.

Hex(218900)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(218900)

Conversions

Conversions Part 1

Format	Color
Hex	218900
RGB	33, 137, 0
RGB Percent	13%, 54%, 0%
CMY	0.8706, 0.4627, 1.0000
CMYK	0.76, 0.00, 1.00, 0.46
HSL	106°, 100%, 27%
HSV	106°, 100%, 54%
XYZ	9.5729, 18.2147, 3.0112
YIQ	90.2860, -18.0070, -64.6550

Conversions

Conversions Part 2

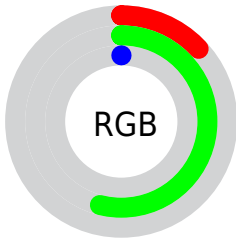
Format	Color
RYB	0, 137, 104
Decimal	2197760
CIELab	49.76, -50.80, 52.89
CIELCh	50, 73.332, 133.843
Yxy	18.2147, 0.3108, 0.5914
Android (android.graphics.Color)	4280387840 (0xFF218900)
YUV	90.2860, -44.5110, -50.2398
Hunter-Lab	42.6786, -34.6499, 25.6918

Details

The Hex color **218900** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **680089**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **61BF42**, and **005600** is the 20% darker color. If you saturate the color by 10%, you get **218900**, and if you desaturate by 10%, it is **2B890E**.

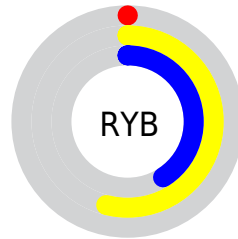
Distribution



Red (13%)

Green (54%)

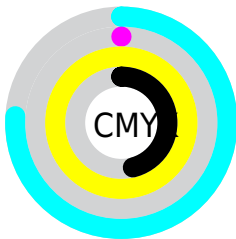
Blue (0%)



Red (0%)

Yellow (54%)

Blue (41%)

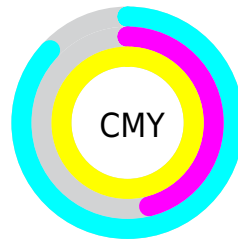


Cyan (76%)

Magenta (0%)

Yellow (100%)

Black (46%)



Cyan (87%)


Magenta (46%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 218900 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 218900 by changing the saturation by 10% instead.

 218900

 218900

FFFFFF

 006F00

 61BF42

 005600

 7EDC5D

 003D00

 9AF977

 002700

 B7FF92

 000000

 D5FFAE

 F3FFCA

 FFFFE7

 218900

 2B890E

 36891B

 408929

 4B8937

 558945

 5F8952

 6A8960

 74896E

 7F897B

Harmonies

Analogous

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



757D00



218900



008F51

Triad

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



218900



0087EF



E2245D

Complementary

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



218900



680089

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.



D32F9B



218900



0075F1

Square

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



218900



008FCC



9B56D1



D14720

Rectangle

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



218900



00917D



9B56D1



E12071

Sweetspot

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



218900



8AB37D



896700



415939



D9D9D9



595959

Same Dimension

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



218900



2BB300



008922



40453E



208500



010500

Inverse Universe

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



680089



8800B3



890067



433E45



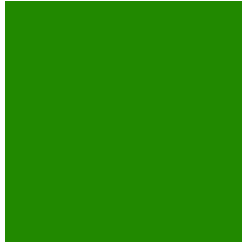
650085



040005

Previews

White Background



This preview shows how the Hex color 218900 looks on a white background.

Color Contrast Check

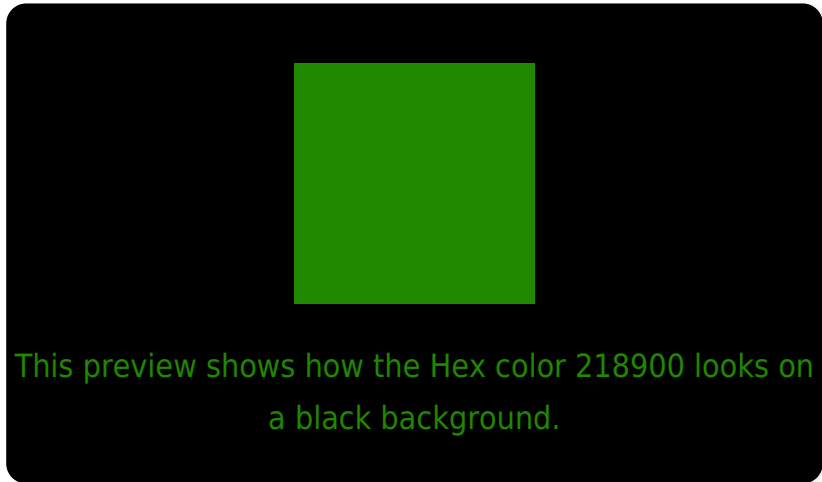
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

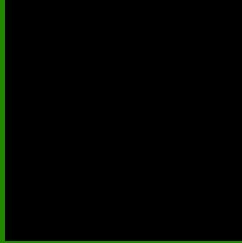
Any Text WCAG AA ✓ Pass

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 218900 Background



This preview shows how black text looks on a background with the Hex color 218900.



This preview shows how white text looks on a background with the Hex color 218900.

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
218900

Protanopia
857600

Deuteranopia
94701D



Tritanopia
417F8A

Trichromacy



Original Color
218900

Protanomaly
617D00

Deuteranomaly
6A7912

Tritanomaly
358358

Monochromacy



Original Color
218900

Achromatopsia
5A5A5A

Achromatomaly
456B39

CSS Examples

Text

The CSS property to change the color of the text to Hex 218900 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 #218900 looks like.

```
.text, #text, p{  
    color:#218900  
}
```

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 #218900 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #218900
}
```

Border

The CSS property to change the border of an element to Hex 218900 is called "border". The border property can be set on classes, ids or directly on the HTML element.

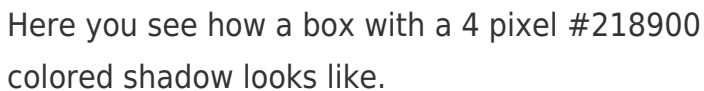
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#218900 }
```

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

```
.border{ border-color:#218900 }
```

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



Here you see how a box with a 4 pixel #218900 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #218900; -webkit-box-shadow:4px 4px  
4px 4px #218900; box-shadow:4px 4px 4px  
4px #218900 }
```

Background

The CSS property to change the background color of an element to Hex 218900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#218900 }
```

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

```
.background{ background-color:#218900 }
```

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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