

Converting Colors

Hex(218E00)

Have a look what the booklet for
Hex(218E00) contains.

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Color

Hex(218E00)

Conversions

Conversions Part 1

Format	Color
Hex	218E00
RGB	33, 142, 0
RGB Percent	13%, 56%, 0%
CMY	0.8706, 0.4431, 1.0000
CMYK	0.77, 0.00, 1.00, 0.44
HSL	106°, 100%, 28%
HSV	106°, 100%, 56%
XYZ	10.3002, 19.6693, 3.2537
YIQ	93.2210, -19.3820, -67.2700

Conversions

Conversions Part 2

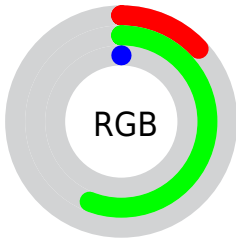
Format	Color
RYB	0, 142, 109
Decimal	2199040
CIELab	51.46, -52.40, 54.25
CIELCh	51, 75.424, 134.007
Yxy	19.6693, 0.3100, 0.5920
Android (android.graphics.Color)	4280389120 (0xFF218E00)
YUV	93.2210, -45.9580, -52.8138
Hunter-Lab	44.3501, -36.1566, 26.6954

Details

The Hex color **218E00** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **6D008E**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **62C543**, and **005A00** is the 20% darker color. If you saturate the color by 10%, you get **218E00**, and if you desaturate by 10%, it is **2C8E0E**.

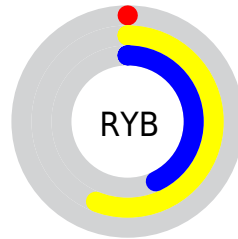
Distribution



Red (13%)

Green (56%)

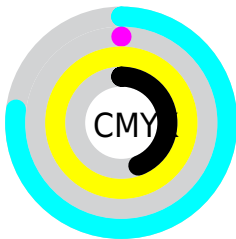
Blue (0%)



Red (0%)

Yellow (56%)

Blue (43%)

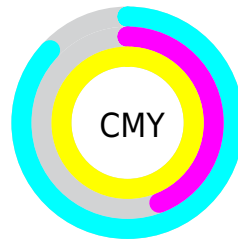


Cyan (77%)

Magenta (0%)

Yellow (100%)

Black (44%)



Cyan (87%)

Magenta (44%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 218E00 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 218E00 by changing the saturation by 10% instead.

 218E00

 218E00

FFFFFF

 007400

 62C543

 005A00

 7FE15E

 004100

 9CFE79

 002C00

 B9FF94

 000A00

 D7FFB0

 000000

 F5FFCC

 FFFFE9

 218E00

 2C8E0E

 378E1C

 428E2B

 4D8E39

 588E47

 628E55

 6D8E63

 788E72

 838E80

Harmonies

Analogous

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



798100



218E00



009454

Triad

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



218E00



008CF8



EA2660

Complementary

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



218E00



6D008E

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.



DA31A0



218E00



0079F9

Square

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



218E00



0095D4



A159D9



D94A21

Rectangle

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



218E00



009682



A159D9



E92175

Sweetspot

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



218E00



8DB881



8E6D00



425C3B



DBDBDB



5C5C5C

Same Dimension

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



218E00



2BB800



008E26



424740



1F8700



020800

Inverse Universe

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



6D008E



8D00B8



8E0068



464047



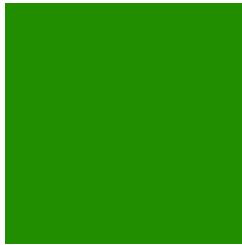
680087



060008

Previews

White Background



This preview shows how the Hex color 218E00 looks on a white background.

Color Contrast Check

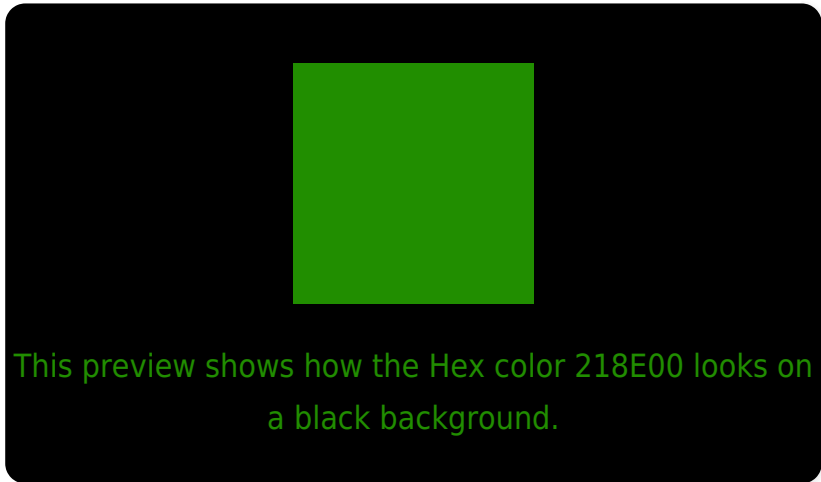
Large Text (above 18pt) WCAG AA ✓ Pass

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 218E00 Background



This preview shows how black text looks on a background with the Hex color 218E00.



This preview shows how white text looks on a background with the Hex color 218E00.

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
218E00

Protanopia
8A7A00

Deuteranopia
99741E



Tritanopia
43848F

Trichromacy



Original Color
218E00



Protanomaly
648100



Deuteranomaly
6D7D13



Tritanomaly
37885B

Monochromacy



Original Color
218E00



Achromatopsia
5D5D5D



Achromatomaly
476F3B

CSS Examples

Text

The CSS property to change the color of the text to Hex 218E00 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 #218E00 looks like.

```
.text, #text, p{  
    color:#218E00  
}
```

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 #218E00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #218E00  
}
```

Border

The CSS property to change the border of an element to Hex 218E00 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".

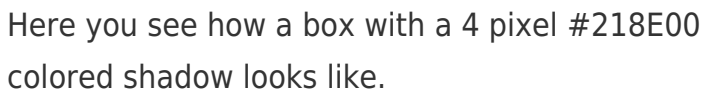
```
.border, #border, table{ border:4px solid  
#218E00 }
```

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

```
.border{ border-color:#218E00 }
```

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

Here you see how a box with a 4 pixel #218E00 colored shadow looks like.

A rectangular box with a thick green border and a green shadow. The box is white with a green border and a green shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #218E00; -webkit-box-shadow:4px 4px  
4px 4px #218E00; box-shadow:4px 4px 4px  
4px #218E00 }
```

Background

The CSS property to change the background color of an element to Hex 218E00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#218E00 }
```

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

```
.background{ background-color:#218E00 }
```

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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