

Converting Colors

Hex(219108)

Have a look what the booklet for
Hex(219108) contains.

Hex(219108)	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(219108)

Conversions

Conversions Part 1

Format	Color
Hex	219108
RGB	33, 145, 8
RGB Percent	13%, 57%, 3%
CMY	0.8706, 0.4314, 0.9686
CMYK	0.77, 0.00, 0.94, 0.43
HSL	109°, 90%, 30%
HSV	109°, 94%, 57%
XYZ	10.7964, 20.5917, 3.6353
YIQ	95.8940, -22.7750, -66.3510

Conversions

Conversions Part 2

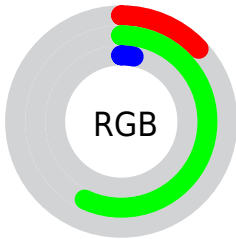
Format	Color
RYB	8, 145, 120
Decimal	2199816
CIELab	52.50, -53.11, 53.70
CIELCh	52, 75.527, 134.681
Yxy	20.5917, 0.3083, 0.5879
Android (android.graphics.Color)	4280389896 (0xFF219108)
YUV	95.8940, -43.3317, -55.1580
Hunter-Lab	45.3780, -36.9425, 27.0148

Details

The Hex color **219108** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **780891**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **63C847**, and **005D00** is the 20% darker color. If you saturate the color by 10%, you get **1A9100**, and if you desaturate by 10%, it is **2D9117**.

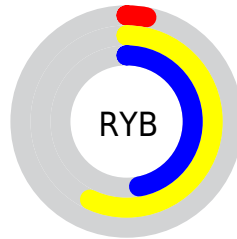
Distribution



Red (13%)

Green (57%)

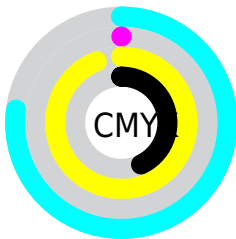
Blue (3%)



Red (3%)

Yellow (57%)

Blue (47%)

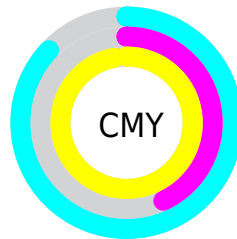


Cyan (77%)

Magenta (0%)

Yellow (94%)

Black (43%)



Cyan (87%)

Magenta (43%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Hex color 219108 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 219108 by changing the saturation by 10% instead.

 219108

 219108

FFFFFF

 007700

 63C847

 005D00

 80E562

 004400

 9DFF7D

 002E00

 BAFF98

 001000

 D8FFB4

 000000

 F6FFD0

 FFFFED

 219108

 219108

■ 1A9100

■ 2D9117

■ 399125

■ 459134

■ 509142

■ 5C9151

■ 68915F

■ 74916E

■ 80917C

■ 8C918B

Harmonies

Analogous

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



7A8400



219108



009758

Triad

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



219108



008EFB



ED2A61

Complementary

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



219108



780891

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.



DE33A1



219108



007BFC

Square

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



219108



0097D8



A65BDB



DB4D21

Rectangle

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



219108



009986



A65BDB



EC2676

Sweetspot

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



219108



92BD88



917808



445E3E



DEDEDE



5E5E5E

Same Dimension

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



219108



22BD00



089133



424740



198700



010800

Inverse Universe

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



780891



9A00BD



910866



464047



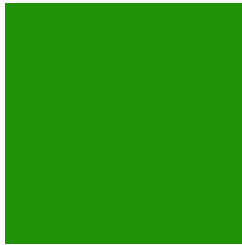
6E0087



060008

Previews

White Background



This preview shows how the Hex color 219108 looks on a white background.

Color Contrast Check

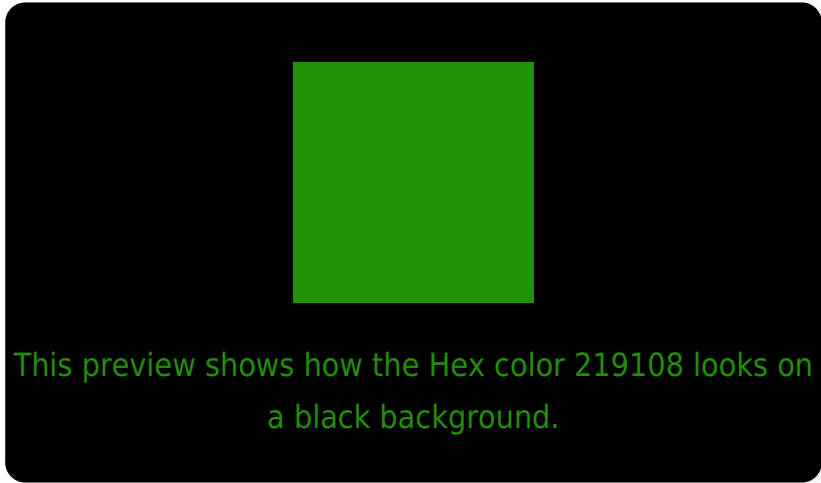
Large Text (above 18pt) WCAG AA ✓ Pass

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

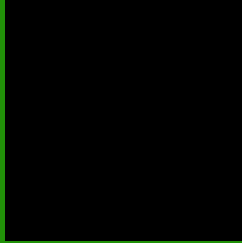
Any Text WCAG AA ✓ Pass

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 219108 Background



This preview shows how black text looks on a background with the Hex color 219108.



This preview shows how white text looks on a background with the Hex color 219108.

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
219108

Protanopia
8C7D00

Deuteranopia
9C7620



Tritanopia
448792

Trichromacy



Original Color
219108



Protanomaly
658403



Deuteranomaly
6F8017



Tritanomaly
378B60

Monochromacy



Original Color
219108



Achromatopsia
606060



Achromatomaly
497240

CSS Examples

Text

The CSS property to change the color of the text to Hex 219108 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 #219108 looks like.

```
.text, #text, p{  
    color:#219108  
}
```

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 #219108 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #219108
}
```

Border

The CSS property to change the border of an element to Hex 219108 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
#219108 }
```

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

```
.border{ border-color:#219108 }
```

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

Here you see how a box with a 4 pixel #219108 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #219108; -webkit-box-shadow:4px 4px  
4px 4px #219108; box-shadow:4px 4px 4px  
4px #219108 }
```

Background

The CSS property to change the background color of an element to Hex 219108 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#219108 }
```

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

```
.background{ background-color:#219108 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor