

Converting Colors

Hex(209C00)

Have a look what the booklet for
Hex(209C00) contains.

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Color

Hex(209C00)

Conversions

Conversions Part 1

Format	Color
Hex	209C00
RGB	32, 156, 0
RGB Percent	13%, 61%, 0%
CMY	0.8745, 0.3882, 1.0000
CMYK	0.79, 0.00, 1.00, 0.39
HSL	108°, 100%, 31%
HSV	108°, 100%, 61%
XYZ	12.4841, 24.0840, 3.9907
YIQ	101.1400, -23.8280, -74.8040

Conversions

Conversions Part 2

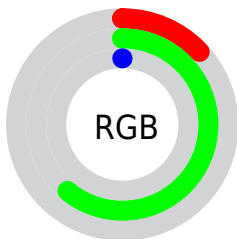
Format	Color
RYB	0, 156, 124
Decimal	2137088
CIELab	56.17, -56.92, 58.00
CIELCh	56, 81.267, 134.464
Yxy	24.0840, 0.3078, 0.5938
Android (android.graphics.Color)	4280327168 (0xFF209C00)
YUV	101.1400, -49.8620, -60.6358
Hunter-Lab	49.0755, -40.4741, 29.5315

Details

The Hex color **209C00** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **7C009C**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **65D447**, and **006700** is the 20% darker color. If you saturate the color by 10%, you get **209C00**, and if you desaturate by 10%, it is **2C9C10**.

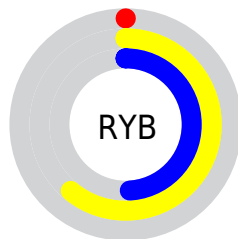
Distribution



Red (13%)

Green (61%)

Blue (0%)



Red (0%)

Yellow (61%)

Blue (49%)

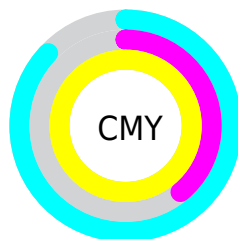


Cyan (79%)

Magenta (0%)

Yellow (100%)

Black (39%)



Cyan (87%)

Magenta (39%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 209C00 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 209C00 by changing the saturation by 10% instead.

 209C00

 209C00

FFFFFF

 008100

 65D447

 006700

 83F162

 004E00

 A1FF7D

 003600

 BEFF99

 001E00

 DCFFB5

 000000

 FAFFD1

 FFFFEE

 209C00

 2C9C10

 399C1F

 459C2F

 529C3E

 5E9C4E

 6A9C5E

 779C6D

 839C7D

 909C8C

Harmonies

Analogous

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



848E00



209C00



00A35E

Triad

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



209C00



0099FF



FF2968

Complementary

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



209C00



7C009C

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.



F034AE



209C00



0084FF

Square

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



209C00



00A3E9



B261ED



ED5123

Rectangle

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



209C00



00A590



B261ED



FF237F

Sweetspot

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



209C00



9BCC8F



9C7A00



496641



E6E6E6



666666

Same Dimension

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



209C00



2ACC00



009C2C



494F47



1D8F00



030F00

Inverse Universe

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



7C009C



A200CC



9C0070



4D474F



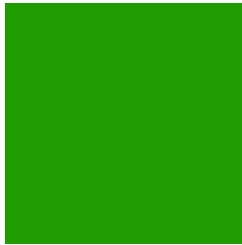
72008F



0C000F

Previews

White Background



This preview shows how the Hex color 209C00 looks on a white background.

Color Contrast Check

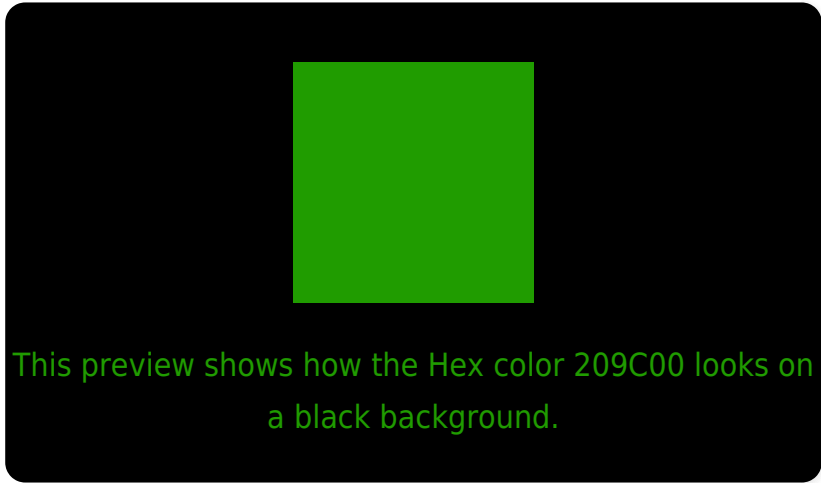
Large Text (above 18pt) WCAG AA ✓ Pass

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

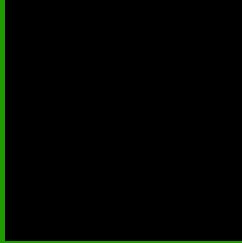
Any Text WCAG AA ✓ Pass

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 209C00 Background



This preview shows how black text looks on a background with the Hex color 209C00.

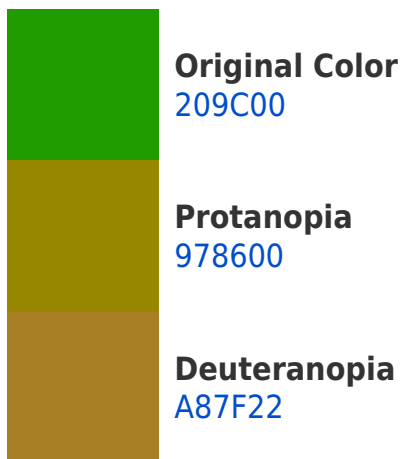



This preview shows how white text looks on a background with the Hex color 209C00.

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
47919D

Trichromacy



Original Color
209C00



Protanomaly
6C8E00



Deuteranomaly
778A16



Tritanomaly
399564

Monochromacy



Original Color
209C00



Achromatopsia
656565



Achromatomaly
4C7940

CSS Examples

Text

The CSS property to change the color of the text to Hex 209C00 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 #209C00 looks like.

```
.text, #text, p{  
    color:#209C00  
}
```

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 #209C00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #209C00
}
```

Border

The CSS property to change the border of an element to Hex 209C00 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
#209C00 }
```

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

```
.border{ border-color:#209C00 }
```

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

Here you see how a box with a 4 pixel #209C00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #209C00; -webkit-box-shadow:4px 4px  
4px 4px #209C00; box-shadow:4px 4px 4px  
4px #209C00 }
```

Background

The CSS property to change the background color of an element to Hex 209C00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#209C00 }
```

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

```
.background{ background-color:#209C00 }
```

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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