

Converting Colors

Hex(213900)

Have a look what the booklet for
Hex(213900) contains.

| | |
|--|----|
| Hex(213900) | 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(213900)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 213900 |
| RGB | 33, 57, 0 |
| RGB Percent | 13%, 22%, 0% |
| CMY | 0.8706, 0.7765, 1.0000 |
| CMYK | 0.42, 0.00, 1.00, 0.78 |
| HSL | 85°, 100%, 11% |
| HSV | 85°, 100%, 22% |
| XYZ | 2.0903, 3.2496, 0.5171 |
| YIQ | 43.3260, 3.9930, -22.8150 |

Conversions

Conversions Part 2

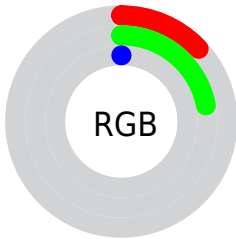
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 0, 57, 24 |
| Decimal | 2177280 |
| CIELab | 21.02, -19.47, 28.84 |
| CIELCh | 21, 34.797, 124.023 |
| Yxy | 3.2496, 0.3569, 0.5548 |
| Android (android.graphics.Color) | 4280367360 (0xFF213900) |
| YUV | 43.3260, -21.3597, -9.0559 |
| Hunter-Lab | 18.0266, -10.8481, 10.9180 |

Details

The Hex color **213900** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **180039**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **50682F**, and **000700** is the 20% darker color. If you saturate the color by 10%, you get **213900**, and if you desaturate by 10%, it is **233906**.

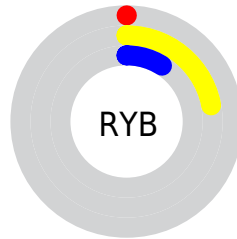
Distribution



Red (13%)

Green (22%)

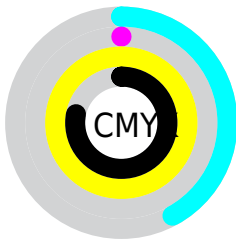
Blue (0%)



Red (0%)

Yellow (22%)

Blue (9%)

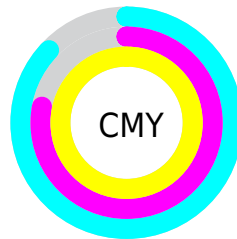


Cyan (42%)

Magenta (0%)

Yellow (100%)

Black (78%)



Cyan (87%)

Magenta (78%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 213900 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 213900 by changing the saturation by 10% instead.

 213900

 213900

 FFFFE5

 092300

 50682F

 000700

 698147

 000000

 839C5F

 9DB678

 B9D292

 D5EEAD

 F1FFC9

 213900

■ 233906

■ 26390B

■ 283911

■ 2B3917

■ 2D391D

■ 2F3922

■ 323928

■ 34392E

■ 373933

Harmonies

Analogous

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



3C3200



213900



003D1B

Triad

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



213900



003B61



5F1630

Complementary

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



213900



180039

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.



541D49



213900



003566

Square

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



213900



003E4F



362A5D



5D1D17

Rectangle

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



213900



003E2C



362A5D



5D1739

Sweetspot

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



213900



414A34



391800



202618



A6A6A6



262626

Same Dimension

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



213900



2B4A00



053900



1B1C19



355C00



7FDB00

Inverse Universe

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



180039



1F004A



340039



1A191C



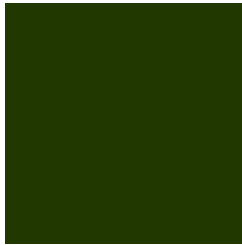
27005C



5C00DB

Previews

White Background



This preview shows how the Hex color 213900 looks on a white background.

Color Contrast Check

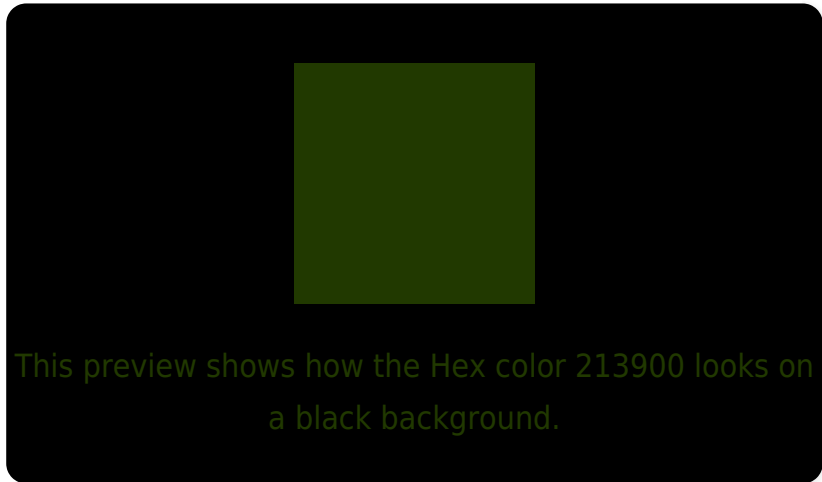
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

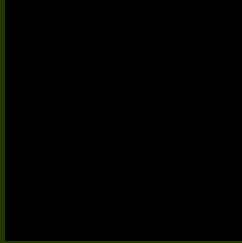
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 213900 Background



This preview shows how black text looks on a background with the Hex color 213900.



This preview shows how white text looks on a background with the Hex color 213900.

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](#).

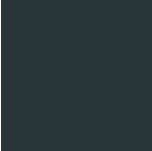
Dichromacy



Original Color
213900

Protanopia
393300

Deuteranopia
40300B



Tritanopia
283539

Trichromacy



Original Color
213900

Protanomaly
303500

Deuteranomaly
353307

Tritanomaly
253624

Monochromacy



Original Color
213900

Achromatopsia
2B2B2B

Achromatomaly
27301B

CSS Examples

Text

The CSS property to change the color of the text to Hex 213900 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 #213900 looks like.

```
.text, #text, p{  
    color:#213900  
}
```

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 #213900 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #213900
}
```

Border

The CSS property to change the border of an element to Hex 213900 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".

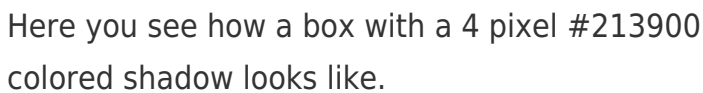
```
.border, #border, table{ border:4px solid
#213900 }
```

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

```
.border{ border-color:#213900 }
```

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

Here you see how a box with a 4 pixel #213900 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #213900; -webkit-box-shadow:4px 4px  
4px 4px #213900; box-shadow:4px 4px 4px  
4px #213900 }
```

Background

The CSS property to change the background color of an element to Hex 213900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#213900 }
```

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

```
.background{ background-color:#213900 }
```

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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