

Converting Colors

Hex(203900)

Have a look what the booklet for
Hex(203900) contains.

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Color

Hex(203900)

Conversions

Conversions Part 1

Format	Color
Hex	203900
RGB	32, 57, 0
RGB Percent	13%, 22%, 0%
CMY	0.8745, 0.7765, 1.0000
CMYK	0.44, 0.00, 1.00, 0.78
HSL	86°, 100%, 11%
HSV	86°, 100%, 22%
XYZ	2.0588, 3.2333, 0.5156
YIQ	43.0270, 3.3970, -23.0270

Conversions

Conversions Part 2

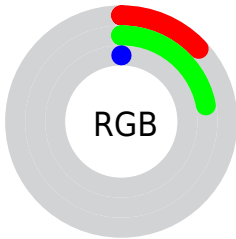
Format	Color
RYB	0, 57, 25
Decimal	2111744
CIELab	20.96, -19.91, 28.75
CIELCh	21, 34.976, 124.701
Yxy	3.2333, 0.3545, 0.5567
Android (android.graphics.Color)	4280301824 (0xFF203900)
YUV	43.0270, -21.2123, -9.6707
Hunter-Lab	17.9815, -11.0302, 10.8870

Details

The Hex color **203900** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **190039**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **4F682F**, and **000700** is the 20% darker color. If you saturate the color by 10%, you get **203900**, and if you desaturate by 10%, it is **233906**.

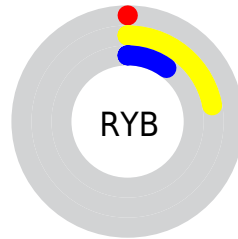
Distribution



Red (13%)

Green (22%)

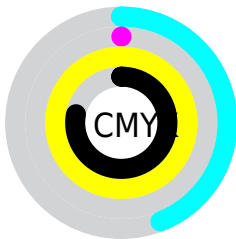
Blue (0%)



Red (0%)

Yellow (22%)

Blue (10%)

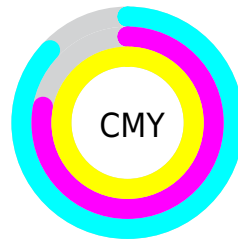


Cyan (44%)

Magenta (0%)

Yellow (100%)

Black (78%)



Cyan (87%)

Magenta (78%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 203900 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 203900 by changing the saturation by 10% instead.

 203900

 203900

 FFFFE5

 082300

 4F682F

 000700

 688247

 000000

 829C5F

 9CB778

 B7D292

 D3EFAD

 F0FFC9

 203900

■ 233906

■ 25390B

■ 283911

■ 2A3917

■ 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.



3B3200



203900



003D1B

Triad

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



203900



003B61



5F162F

Complementary

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



203900



190039

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



203900



003466

Square

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



203900



003E4F



372A5D



5D1D17

Rectangle

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



203900



003E2D



372A5D



5D1738

Sweetspot

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



203900



404A34



391900



202618



A6A6A6



262626

Same Dimension

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



203900



2A4A00



043900



1B1C19



345C00



7BDB00

Inverse Universe

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



190039



20004A



350039



1A191C



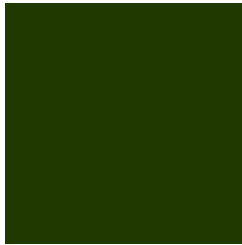
28005C



6000DB

Previews

White Background



This preview shows how the Hex color 203900 looks on a white background.

Color Contrast Check

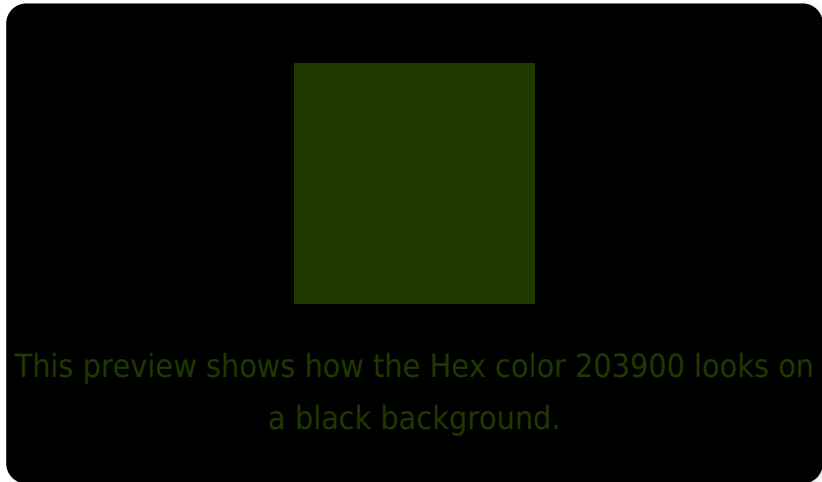
Large Text (above 18pt) WCAG AA ✓ Pass

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

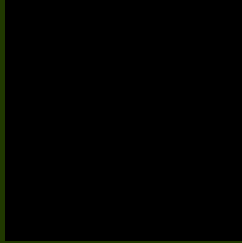
Any Text WCAG AA × Fail

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 203900 Background



This preview shows how black text looks on a background with the Hex color 203900.



This preview shows how white text looks on a background with the Hex color 203900.

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
203900

Protanopia
393300

Deuteranopia
40300B



Tritanopia
273539

Trichromacy



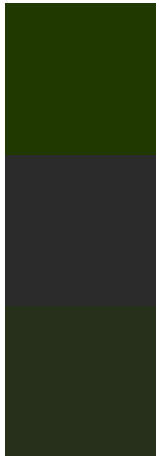
Original Color
203900

Protanomaly
303500

Deuteranomaly
343307

Tritanomaly
243624

Monochromacy



Original Color
203900

Achromatopsia
2B2B2B

Achromatomaly
27301B

CSS Examples

Text

The CSS property to change the color of the text to Hex 203900 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 #203900 looks like.

```
.text, #text, p{  
    color:#203900  
}
```

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 #203900 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #203900
}
```

Border

The CSS property to change the border of an element to Hex 203900 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
#203900 }
```

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

```
.border{ border-color:#203900 }
```

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

Here you see how a box with a 4 pixel #203900 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #203900; -webkit-box-shadow:4px 4px  
4px 4px #203900; box-shadow:4px 4px 4px  
4px #203900 }
```

Background

The CSS property to change the background color of an element to Hex 203900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#203900 }
```

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

```
.background{ background-color:#203900 }
```

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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