

# Converting Colors

Hex(211D00)

Have a look what the booklet for  
Hex(211D00) contains.

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**Color**

**Hex(211D00)**

# Conversions

## Conversions Part 1

Format	Color
Hex	211D00
RGB	33, 29, 0
RGB Percent	13%, 11%, 0%
CMY	0.8706, 0.8863, 1.0000
CMYK	0.00, 0.12, 1.00, 0.87
HSL	53°, 100%, 6%
HSV	53°, 100%, 13%
XYZ	1.0666, 1.2021, 0.1758
YIQ	26.8900, 11.6930, -8.1710

# Conversions

## Conversions Part 2

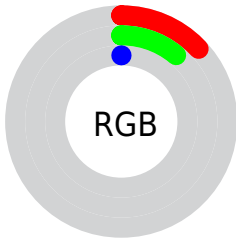
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	5, 33, 0
Decimal	2170112
CIE Lab	10.57, -2.60, 15.71
CIE LCh	11, 15.927, 99.383
Yxy	1.2021, 0.4363, 0.4918
Android (android.graphics.Color)	4280360192 (0xFF211D00)
YUV	26.8900, -13.2568, 5.3585
Hunter-Lab	10.9639, -1.8223, 6.7240

# Details

The Hex color **211D00** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **000421**, and the grayscale version is **1B1B1B**.

A 20% lighter version of the original color is **4D482F**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **211D00**, and if you desaturate by 10%, it is **211D03**.

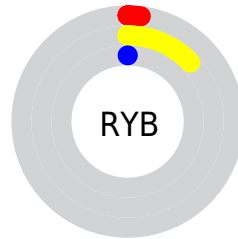
# Distribution



Red (13%)

Green (11%)

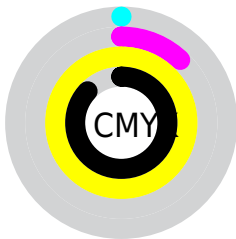
Blue (0%)



Red (2%)

Yellow (13%)

Blue (0%)

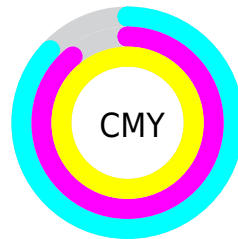


Cyan (0%)

Magenta (12%)

Yellow (100%)

Black (87%)



Cyan (87%)

Magenta (89%)


Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 211D00 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 211D00 by changing the saturation by 10% instead.



 211D00

 211D00

 FFFFE2

 000400

 4D482F

 000000

 656046


 7E795E

 999376

 B3AD90

 CFC8AB

 EBE4C6

 211D00

■ 211D03

■ 211E07

■ 211E0A

■ 211F0D

■ 211F11

■ 211F14

■ 212017

■ 21201A

■ 21211E

# Harmonies

## Analogous

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



2A1902



211D00



152008

# Triad

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



211D00



00222A



2D1524

# Complementary

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



211D00



000421

# 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.



22182D



211D00



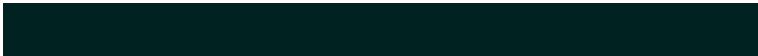
002031

# Square

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



211D00



002220



101D32



31131A

# Rectangle

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



211D00



0B2111



101D32



2A1628



# Sweetspot

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



211D00



2B2A1E



210004



17160F



969696



171717



# Same Dimension

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



211D00



2B2600



152100



0F0F0E



4F4500



CFB600



# Inverse Universe

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



000421



00052B



0C0021



0E0E0F



000A4F

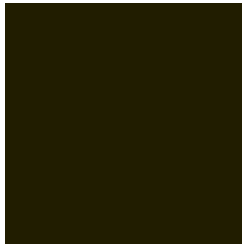


0019CF



# Previews

## White Background



This preview shows how the Hex color 211D00 looks on a white background.

## Color Contrast Check

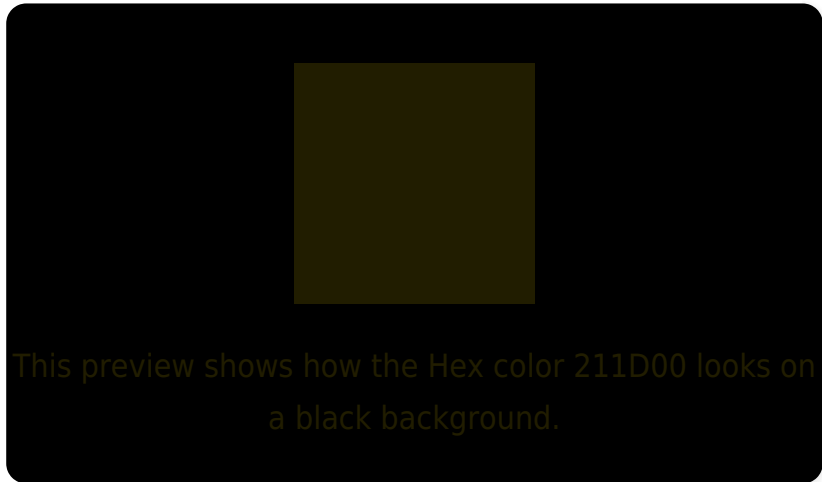
Large Text (above 18pt) WCAG AA ✓ Pass

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

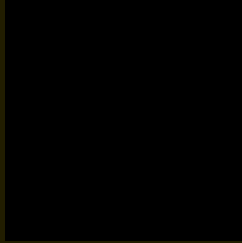
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

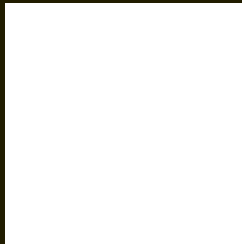
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 211D00 Background



This preview shows how black text looks on a background with the Hex color 211D00.

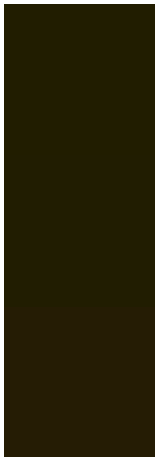


This preview shows how white text looks on a background with the Hex color 211D00.

# 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**  
211D00

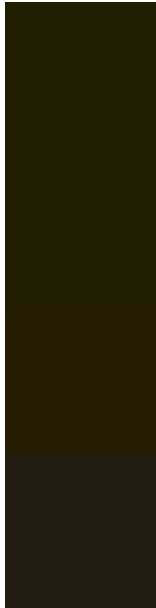
**Protanopia**  
211D01

**Deuteranopia**  
251C04



**Tritanopia**  
231B1D

# Trichromacy



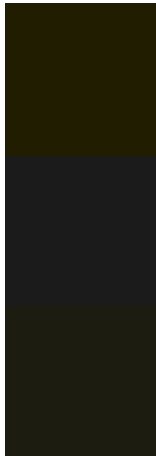
**Original Color**  
211D00

**Protanomaly**  
211D01

**Deuteranomaly**  
241C03

**Tritanomaly**  
221C12

# Monochromacy



**Original Color**  
211D00

**Achromatopsia**  
1B1B1B

**Achromatomaly**  
1D1C11

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 211D00 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 #211D00 looks like.

```
.text, #text, p{  
    color:#211D00  
}
```

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 #211D00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #211D00  
}
```

## Border

The CSS property to change the border of an element to Hex 211D00 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  
#211D00 }
```

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

```
.border{ border-color:#211D00 }
```

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

Here you see how a box with a 4 pixel #211D00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #211D00; -webkit-box-shadow:4px 4px  
4px 4px #211D00; box-shadow:4px 4px 4px  
4px #211D00 }
```

# Background

The CSS property to change the background color of an element to Hex 211D00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#211D00 }
```

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

```
.background{ background-color:#211D00 }
```

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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