

Converting Colors

Hex(211E00)

Have a look what the booklet for
Hex(211E00) contains.

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Color

Hex(211E00)

Conversions

Conversions Part 1

Format	Color
Hex	211E00
RGB	33, 30, 0
RGB Percent	13%, 12%, 0%
CMY	0.8706, 0.8824, 1.0000
CMYK	0.00, 0.09, 1.00, 0.87
HSL	55°, 100%, 6%
HSV	55°, 100%, 13%
XYZ	1.0915, 1.2519, 0.1841
YIQ	27.4770, 11.4180, -8.6940

Conversions

Conversions Part 2

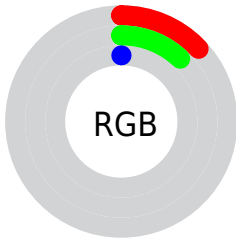
Format	Color
R _Y B	3, 33, 0
Decimal	2170368
CIE Lab	10.93, -3.29, 16.22
CIE LCh	11, 16.550, 101.476
Yxy	1.2519, 0.4318, 0.4953
Android (android.graphics.Color)	4280360448 (0xFF211E00)
YUV	27.4770, -13.5462, 4.8437
Hunter-Lab	11.1887, -2.1675, 6.8565

Details

The Hex color **211E00** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **000321**, and the grayscale version is **1C1C1C**.

A 20% lighter version of the original color is **4D4A2F**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **211E00**, and if you desaturate by 10%, it is **211E03**.

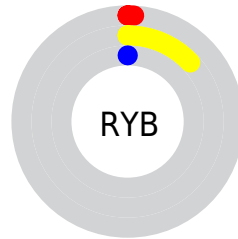
Distribution



Red (13%)

Green (12%)

Blue (0%)



Red (1%)

Yellow (13%)

Blue (0%)

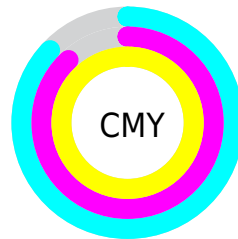


Cyan (0%)

Magenta (9%)

Yellow (100%)

Black (87%)



Cyan (87%)


Magenta (88%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 211E00 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 211E00 by changing the saturation by 10% instead.

 211E00

 211E00

 FFFFE2

 000600

 4D4A2F

 000000

 656146


 7E7A5E

 999476

 B3AE90

 CFCAAB

 EBE6C6

 211E00

■ 211E03

■ 211F07

■ 211F0A

■ 211F0D

■ 212011

■ 212014

■ 212017

■ 21201A

■ 21211E

Harmonies

Analogous

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



2B1A02



211E00



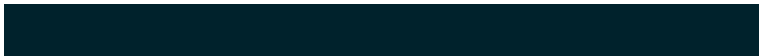
142109

Triad

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



211E00



00222C



2E1525

Complementary

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



211E00



000321

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.



24192E



211E00



002033

Square

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



211E00



002321



121D33



321419

Rectangle

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



211E00



092212



121D33



2C1628

Sweetspot

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



211E00



2B2A1E



210003



17160F



969696



171717

Same Dimension

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



211E00



2B2700



142100



0F0F0E



4F4800



CFBC00

Inverse Universe

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



000321



00042B



0D0021



0E0E0F



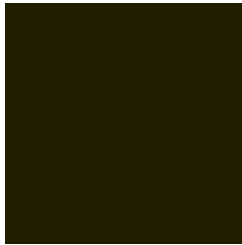
00074F



0013CF

Previews

White Background



This preview shows how the Hex color 211E00 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

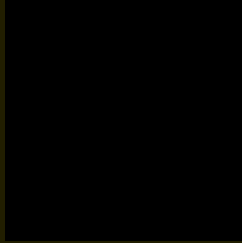
Any Text WCAG AA × Fail

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 211E00 Background



This preview shows how black text looks on a background with the Hex color 211E00.

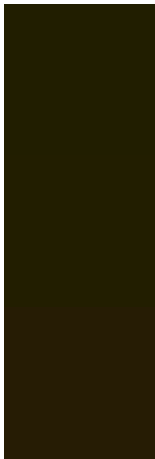


This preview shows how white text looks on a background with the Hex color 211E00.

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
211E00

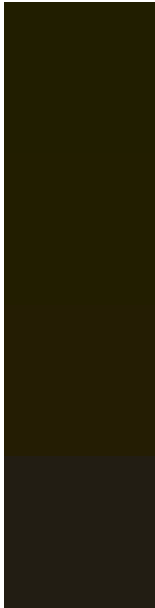
Protanopia
221E00

Deuteranopia
261C04



Tritanopia
231C1E

Trichromacy



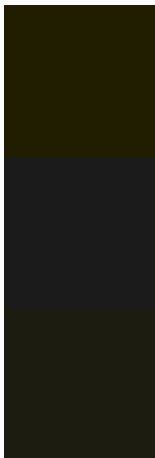
Original Color
211E00

Protanomaly
221E00

Deuteranomaly
241D03

Tritanomaly
221D13

Monochromacy



Original Color
211E00

Achromatopsia
1B1B1B

Achromatomaly
1D1C11

CSS Examples

Text

The CSS property to change the color of the text to Hex 211E00 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 #211E00 looks like.

```
.text, #text, p{  
    color:#211E00  
}
```

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 #211E00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #211E00
}
```

Border

The CSS property to change the border of an element to Hex 211E00 is called "border". The border property can be set on classes, ids or directly on the HTML element.

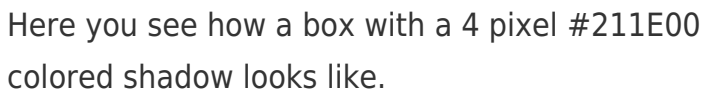
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#211E00 }
```

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

```
.border{ border-color:#211E00 }
```

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



Here you see how a box with a 4 pixel #211E00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #211E00; -webkit-box-shadow:4px 4px  
4px 4px #211E00; box-shadow:4px 4px 4px  
4px #211E00 }
```

Background

The CSS property to change the background color of an element to Hex 211E00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#211E00 }
```

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

```
.background{ background-color:#211E00 }
```

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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