

# Converting Colors

Hex(210E00)

Have a look what the booklet for  
Hex(210E00) contains.

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# Color

**Hex(210E00)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	210E00
RGB	33, 14, 0
RGB Percent	13%, 5%, 0%
CMY	0.8706, 0.9451, 1.0000
CMYK	0.00, 0.58, 1.00, 0.87
HSL	25°, 100%, 6%
HSV	25°, 100%, 13%
XYZ	0.7842, 0.6374, 0.0817
YIQ	18.0850, 15.8180, -0.3260

# Conversions

## Conversions Part 2

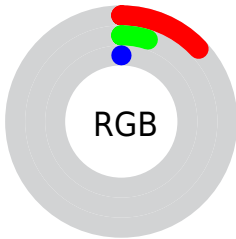
Format	Color
<a href="#">RYB</a>	<a href="#">33, 24, 0</a>
Decimal	<a href="#">2166272</a>
CIELab	<a href="#">5.76, 7.31, 8.76</a>
CIELCh	<a href="#">6, 11.407, 50.159</a>
Yxy	<a href="#">0.6374, 0.5217, 0.4240</a>
Android (android.graphics.Color)	<a href="#">4280356352 (0xFF210E00)</a>
YUV	<a href="#">18.0850, -8.9159, 13.0805</a>
Hunter-Lab	<a href="#">7.9838, 3.5622, 4.9819</a>

# Details

The Hex color **210E00** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **001321**, and the grayscale version is **121212**.

A 20% lighter version of the original color is **4C3930**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **210E00**, and if you desaturate by 10%, it is **211003**.

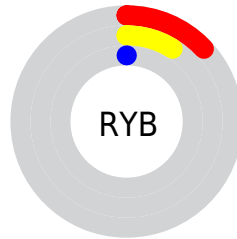
# Distribution



Red (13%)

Green (5%)

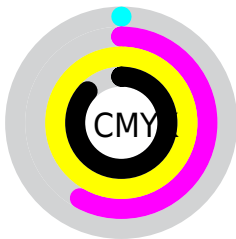
Blue (0%)



Red (13%)

Yellow (9%)

Blue (0%)

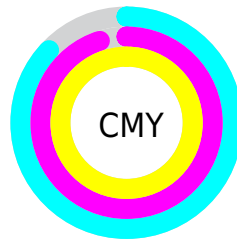


Cyan (0%)

Magenta (58%)

Yellow (100%)

Black (87%)



Cyan (87%)

Magenta (95%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 210E00 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 210E00 by changing the saturation by 10% instead.



 210E00

 210E00

 FFEEE2

 000000

 4C3930

 655046

 7E685E

 988177

 B39B90

 CFB6AB

 EBD1C6

 210E00

■ 211003

■ 211207

■ 21140A

■ 21160D

■ 211811

■ 211914

■ 211B17

■ 211D1A

■ 211F1E

# Harmonies

## Analogous

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



220C0C



210E00



1C1100

# Triad

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



210E00



00180F



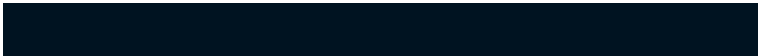
101121

# Complementary

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



210E00



001321

# Split Complementary

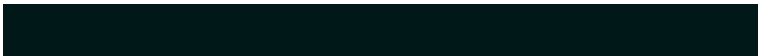
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



011422



210E00



001818

# Square

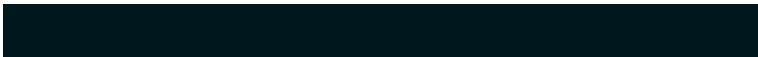
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



210E00



071603



00171E



1B0E1D

# Rectangle

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



210E00



161300



00171E



0C1222



# Sweetspot

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



210E00



2B241E



210013



17120F



969696



171717



# Same Dimension

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



210E00



2B1200



211E00



0F0E0E



4F2200



CF5800



# Inverse Universe

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



001321



00192B



000321



0E0F0F



002E4F

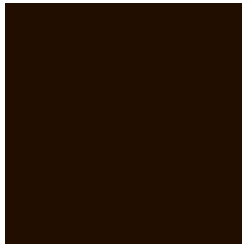


0077CF



# Previews

## White Background



This preview shows how the Hex color 210E00 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

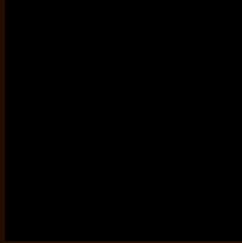
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 210E00 Background



This preview shows how black text looks on a background with the Hex color 210E00.

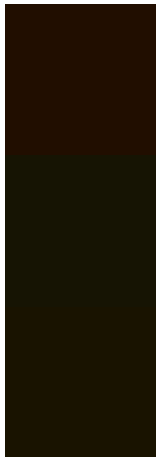


This preview shows how white text looks on a background with the Hex color 210E00.

# 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**  
210E00

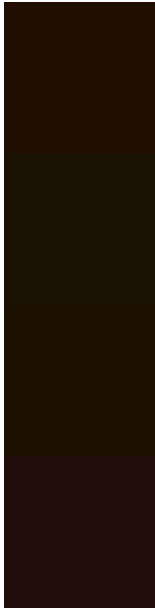
**Protanopia**  
161403

**Deuteranopia**  
191300



**Tritanopia**  
210D0E

# Trichromacy



**Original Color**  
210E00

**Protanomaly**  
1A1202

**Deuteranomaly**  
1C1100

**Tritanomaly**  
210D09

# Monochromacy



**Original Color**  
210E00

**Achromatopsia**  
121212

**Achromatomaly**  
17110B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 210E00 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 #210E00 looks like.

```
.text, #text, p{  
    color:#210E00  
}
```

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 #210E00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #210E00
}
```

## Border

The CSS property to change the border of an element to Hex 210E00 is called "border". The border property can be set on classes, ids or directly on the HTML element.

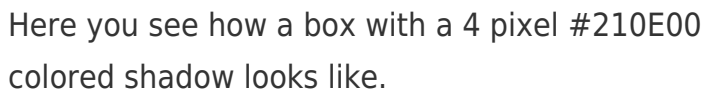
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#210E00 }
```

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

```
.border{ border-color:#210E00 }
```

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



Here you see how a box with a 4 pixel #210E00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #210E00; -webkit-box-shadow:4px 4px  
4px 4px #210E00; box-shadow:4px 4px 4px  
4px #210E00 }
```

# Background

The CSS property to change the background color of an element to Hex 210E00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#210E00 }
```

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

```
.background{ background-color:#210E00 }
```

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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