

Converting Colors

Hex(210005)

Have a look what the booklet for
Hex(210005) contains.

Hex(210005)	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(210005)

Conversions

Conversions Part 1

Format	Color
Hex	210005
RGB	33, 0, 5
RGB Percent	13%, 0%, 2%
CMY	0.8706, 1.0000, 0.9804
CMYK	0.00, 1.00, 0.85, 0.87
HSL	351°, 100%, 6%
HSV	351°, 100%, 13%
XYZ	0.6546, 0.3343, 0.1736
YIQ	10.4370, 18.0630, 8.5510

Conversions

Conversions Part 2

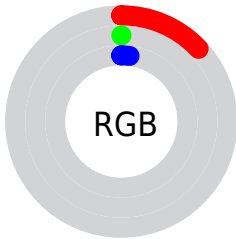
Format	Color
RYB	33, 0, 5
Decimal	2162693
CIELab	3.02, 13.80, 2.72
CIELCh	3, 14.065, 11.163
Yxy	0.3343, 0.5631, 0.2876
Android (android.graphics.Color)	4280352773 (0xFF210005)
YUV	10.4370, -2.6804, 19.7878
Hunter-Lab	5.7818, 10.0910, 2.2670

Details

The Hex color **210005** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **00211C**, and the grayscale version is **0A0A0A**.

A 20% lighter version of the original color is **4C2F33**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **210005**, and if you desaturate by 10%, it is **210308**.

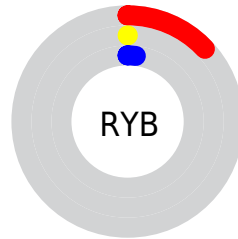
Distribution



Red (13%)

Green (0%)

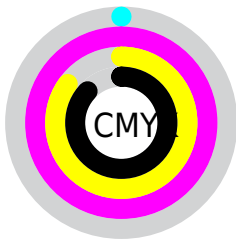
Blue (2%)



Red (13%)

Yellow (0%)

Blue (2%)

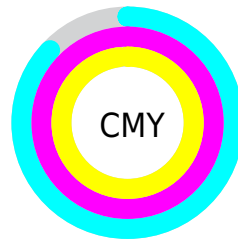


Cyan (0%)

Magenta (100%)

Yellow (85%)

Black (87%)



Cyan (87%)


Magenta (100%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 210005 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 210005 by changing the saturation by 10% instead.

 210005

 210005

 FFE2E6

 000000

 4C2F33

 64464A

 7E5D62

 98767A

 B39094

 CEAAAF

 EBC6CA

 210005

■ 210308

■ 21070B

■ 210A0D

■ 210D10

■ 211113

■ 211416

■ 211719

■ 211A1B

■ 211E1E

Harmonies

Analogous

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



1D0114



210005



1F0200

Triad

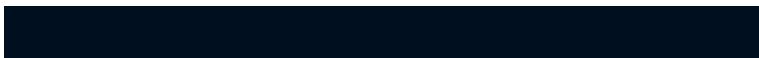
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



210005



001000



000F1F

Complementary

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



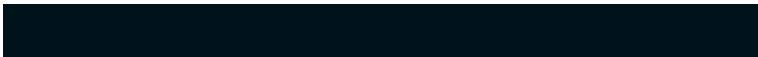
210005



00211C

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.



00121A



210005



001300

Square

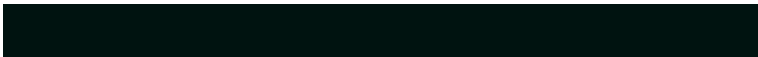
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



210005



0A0C00



001310



010A20

Rectangle

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



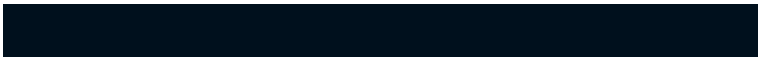
210005



1A0500



001310



00101D

Sweetspot

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



210005



2B1E20



1C0021



170F10



969696



171717

Same Dimension

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



210005



2B0007



210B00



0F0E0E



4F000C



CF001F

Inverse Universe

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



210005



2B0007



001621



0F0E0E



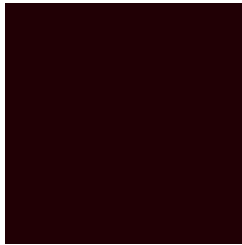
4F000C



CF001F

Previews

White Background



This preview shows how the Hex color 210005 looks on a white background.

Color Contrast Check

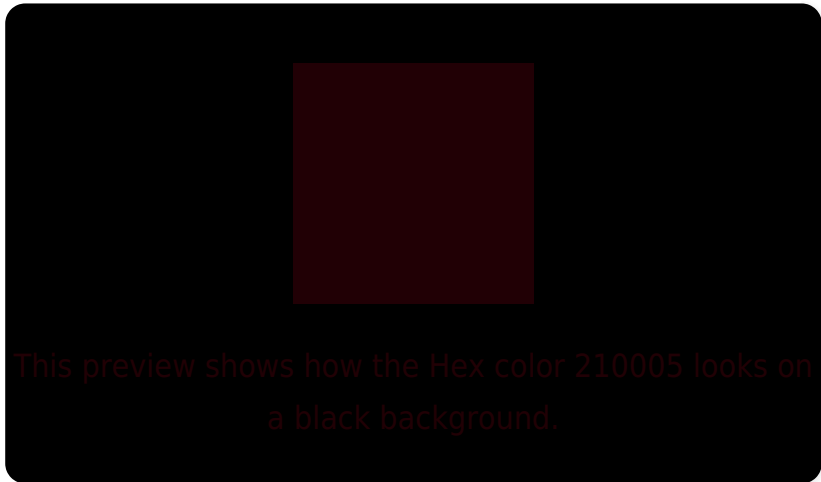
Large Text (above 18pt) WCAG AA ✓ Pass

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 210005 Background



This preview shows how black text looks on a background with the Hex color 210005.

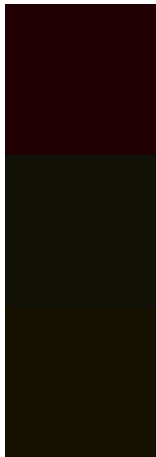


This preview shows how white text looks on a background with the Hex color 210005.

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](#).

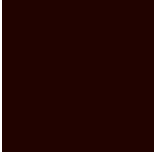
Dichromacy



Original Color
210005

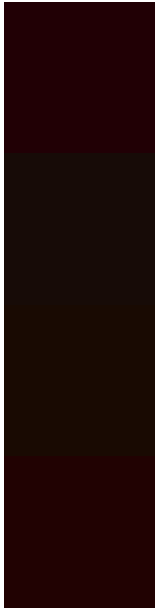
Protanopia
121108

Deuteranopia
151000



Tritanopia
210300

Trichromacy



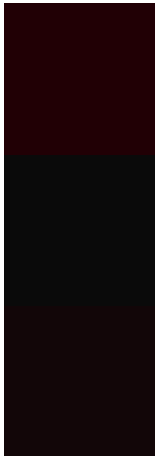
Original Color
210005

Protanomaly
170B07

Deuteranomaly
190A02

Tritanomaly
210202

Monochromacy



Original Color
210005

Achromatopsia
0A0A0A

Achromatomaly
120608

CSS Examples

Text

The CSS property to change the color of the text to Hex 210005 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 #210005 looks like.

```
.text, #text, p{  
    color:#210005  
}
```

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 #210005 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #210005
}
```

Border

The CSS property to change the border of an element to Hex 210005 is called "border". The border property can be set on classes, ids or directly on the HTML element.

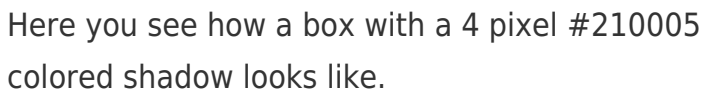
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#210005 }
```

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

```
.border{ border-color:#210005 }
```

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



Here you see how a box with a 4 pixel #210005 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #210005; -webkit-box-shadow:4px 4px  
4px 4px #210005; box-shadow:4px 4px 4px  
4px #210005 }
```

Background

The CSS property to change the background color of an element to Hex 210005 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#210005 }
```

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

```
.background{ background-color:#210005 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor