

Converting Colors

Hex(210029)

Have a look what the booklet for
Hex(210029) contains.

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Color

Hex(210029)

Conversions

Conversions Part 1

Format	Color
Hex	210029
RGB	33, 0, 41
RGB Percent	13%, 0%, 16%
CMY	0.8706, 1.0000, 0.8392
CMYK	0.20, 1.00, 0.00, 0.84
HSL	288°, 100%, 8%
HSV	288°, 100%, 16%
XYZ	1.0274, 0.4834, 2.1370
YIQ	14.5410, 6.5070, 19.7470

Conversions

Conversions Part 2

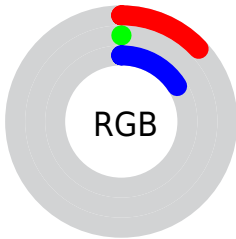
Format	Color
RYB	33, 0, 41
Decimal	2162729
CIELab	4.37, 22.77, -18.83
CIELCh	4, 29.547, 320.402
Yxy	0.4834, 0.2817, 0.1325
Android (android.graphics.Color)	4280352809 (0xFF210029)
YUV	14.5410, 13.0443, 16.1885
Hunter-Lab	6.9529, 14.2096, -13.3558

Details

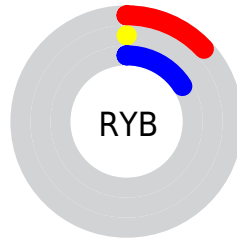
The Hex color **210029** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **082900**, and the grayscale version is **0E0E0E**.

A 20% lighter version of the original color is **4E2E56**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **210029**, and if you desaturate by 10%, it is **220429**.

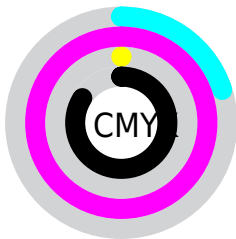
Distribution



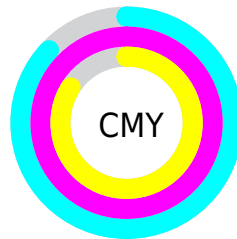
- Red (13%)
- Green (0%)
- Blue (16%)



- Red (13%)
- Yellow (0%)
- Blue (16%)



- Cyan (20%)
- Magenta (100%)
- Yellow (0%)
- Black (84%)




- Cyan (87%)
- Magenta (100%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 210029 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 210029 by changing the saturation by 10% instead.

 210029

 210029

 FFE1FF

 000113

 4E2E56

 000000

 66446F

 805C88

 9A75A3

 B58FBE

 D1AADA

 EEC5F6

 210029

■ 220429

■ 230829

■ 230C29

■ 241029

■ 251429

■ 261929

■ 271D29

■ 272129

■ 282529

Harmonies

Analogous

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



000C35



210029



2E0018

Triad

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



210029



1C0B00



00191D

Complementary

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



210029



082900

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.



001803



210029



001400

Square

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



210029



290000



001800



001A2E

Rectangle

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



210029



310004



001800



001917

Sweetspot

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



210029



322536



000829



1A121C



9C9C9C



1C1C1C

Same Dimension

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



210029



2B0036



29001D



141214



440054



AA00D4

Inverse Universe

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



290008



36000A



00290C



141213



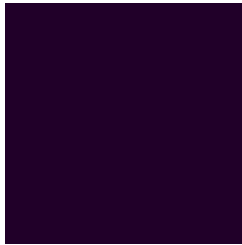
540010



D40029

Previews

White Background



This preview shows how the Hex color 210029 looks on a white background.

Color Contrast Check

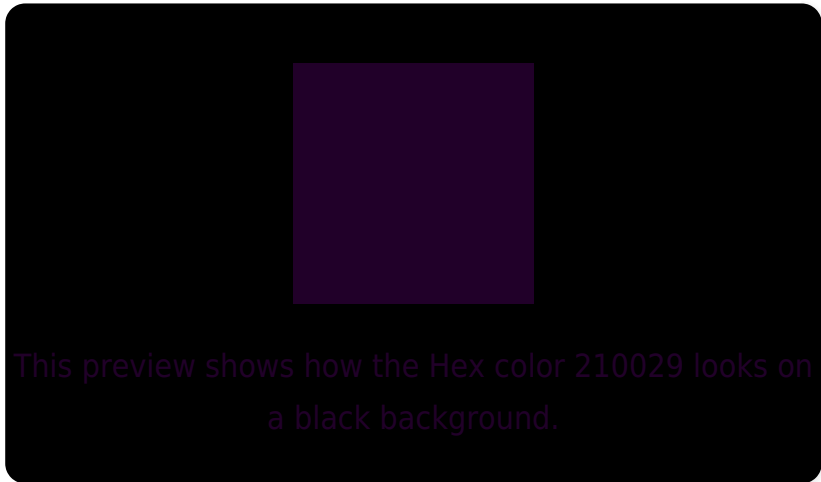
Large Text (above 18pt) WCAG AA ✓ Pass

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

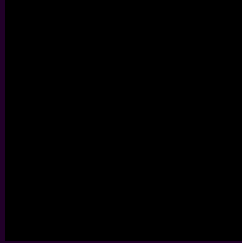
Any Text WCAG AA × Fail

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 210029 Background



This preview shows how black text looks on a background with the Hex color 210029.



This preview shows how white text looks on a background with the Hex color 210029.

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
210029

Protanopia
001329

Deuteranopia
001524



Tritanopia
1E1011

Trichromacy



Original Color
210029

Protanomaly
0C0C29

Deuteranomaly
0C0D26

Tritanomaly
1F0A1A

Monochromacy



Original Color
210029

Achromatopsia
0F0F0F

Achromatomaly
160A18

CSS Examples

Text

The CSS property to change the color of the text to Hex 210029 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 #210029 looks like.

```
.text, #text, p{  
    color:#210029  
}
```

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 #210029 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #210029
}
```

Border

The CSS property to change the border of an element to Hex 210029 is called "border". The border property can be set on classes, ids or directly on the HTML element.

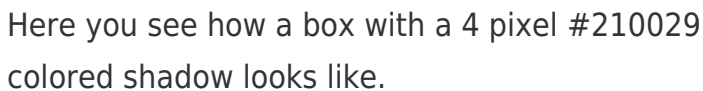
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#210029 }
```

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

```
.border{ border-color:#210029 }
```

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



Here you see how a box with a 4 pixel #210029 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #210029; -webkit-box-shadow:4px 4px  
4px 4px #210029; box-shadow:4px 4px 4px  
4px #210029 }
```

Background

The CSS property to change the background color of an element to Hex 210029 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#210029 }
```

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

```
.background{ background-color:#210029 }
```

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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