

Converting Colors

Hex(210014)

Have a look what the booklet for
Hex(210014) contains.

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Color

Hex(210014)

Conversions

Conversions Part 1

Format	Color
Hex	210014
RGB	33, 0, 20
RGB Percent	13%, 0%, 8%
CMY	0.8706, 1.0000, 0.9216
CMYK	0.00, 1.00, 0.39, 0.87
HSL	324°, 100%, 6%
HSV	324°, 100%, 13%
XYZ	0.7535, 0.3738, 0.6943
YIQ	12.1470, 13.2480, 13.2160

Conversions

Conversions Part 2

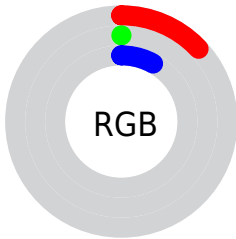
Format	Color
RYB	33, 0, 20
Decimal	2162708
CIELab	3.38, 16.31, -4.11
CIELCh	3, 16.819, 345.862
Yxy	0.3738, 0.4136, 0.2052
Android (android.graphics.Color)	4280352788 (0xFF210014)
YUV	12.1470, 3.8715, 18.2881
Hunter-Lab	6.1142, 11.2969, -2.4523

Details

The Hex color **210014** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **00210D**, and the grayscale version is **0C0C0C**.

A 20% lighter version of the original color is **4C2F3E**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **210014**, and if you desaturate by 10%, it is **210315**.

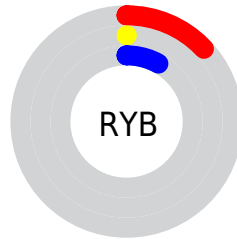
Distribution



Red (13%)

Green (0%)

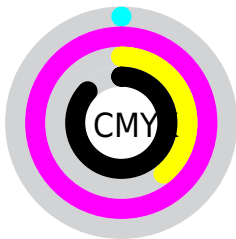
Blue (8%)



Red (13%)

Yellow (0%)

Blue (8%)

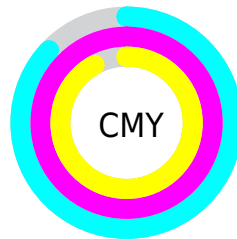


Cyan (0%)

Magenta (100%)

Yellow (39%)

Black (87%)



Cyan (87%)

Magenta (100%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color 210014 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 210014 by changing the saturation by 10% instead.

 210014

 210014

 FFE2F4

 000000

 4C2F3E

 654555

 7E5D6E

 987687

 B390A1

 CFAABC

 EBC6D8

 210014

■ 210315

■ 210717

■ 210A18

■ 210D19

■ 21111A

■ 21141C

■ 21171D

■ 211A1E

■ 211E20

Harmonies

Analogous

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



18041E



210014



250002

Triad

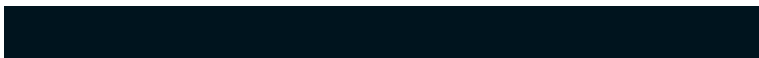
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



210014



070F00



00141E

Complementary

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



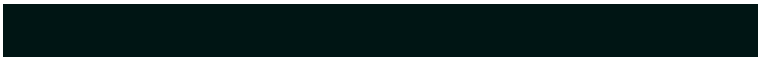
210014



00210D

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.



001514



210014



001300

Square

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



210014



180900



001402



001023

Rectangle

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



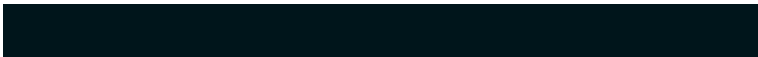
210014



230100



001402



00151B

Sweetspot

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



210014



2B1E26



0D0021



170F14



969696



171717

Same Dimension

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



210014



2B001A



210004



0F0E0F



4F0030



CF007D

Inverse Universe

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



210014



2B001A



00211D



0F0E0F



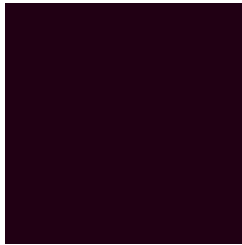
4F0030



CF007D

Previews

White Background



This preview shows how the Hex color 210014 looks on a white background.

Color Contrast Check

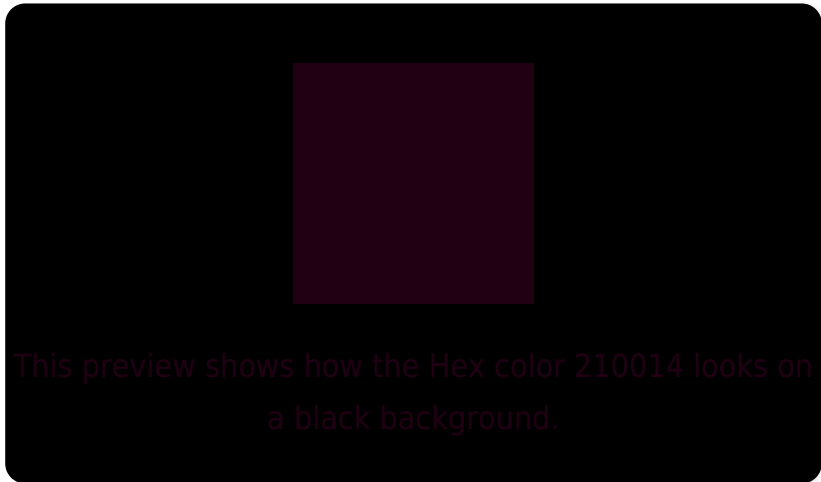
Large Text (above 18pt) WCAG AA ✓ Pass

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

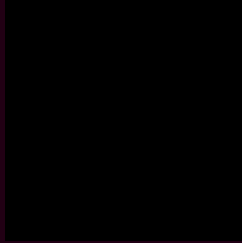
Any Text WCAG AA × Fail

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 210014 Background



This preview shows how black text looks on a background with the Hex color 210014.



This preview shows how white text looks on a background with the Hex color 210014.

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
210014

Protanopia
0D111D

Deuteranopia
131113

Trichromacy



Original Color
210014

Protanomaly
140B1A

Deuteranomaly
180B13

Tritanomaly
20050C

Monochromacy



Original Color
210014

Achromatopsia
0C0C0C

Achromatomaly
14080F

CSS Examples

Text

The CSS property to change the color of the text to Hex 210014 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 #210014 looks like.

```
.text, #text, p{  
    color:#210014  
}
```

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 #210014 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #210014
}
```

Border

The CSS property to change the border of an element to Hex 210014 is called "border". The border property can be set on classes, ids or directly on the HTML element.

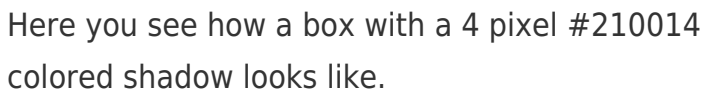
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#210014 }
```

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

```
.border{ border-color:#210014 }
```

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



Here you see how a box with a 4 pixel #210014 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #210014; -webkit-box-shadow:4px 4px  
4px 4px #210014; box-shadow:4px 4px 4px  
4px #210014 }
```

Background

The CSS property to change the background color of an element to Hex 210014 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#210014 }
```

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

```
.background{ background-color:#210014 }
```

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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