

Converting Colors

Hex(210901)

Have a look what the booklet for
Hex(210901) contains.

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Color

Hex(210901)

Conversions

Conversions Part 1

Format	Color
Hex	210901
RGB	33, 9, 1
RGB Percent	13%, 4%, 0%
CMY	0.8706, 0.9647, 0.9961
CMYK	0.00, 0.73, 0.97, 0.87
HSL	15°, 94%, 7%
HSV	15°, 97%, 13%
XYZ	0.7304, 0.5209, 0.0908
YIQ	15.2640, 16.8720, 2.6000

Conversions

Conversions Part 2

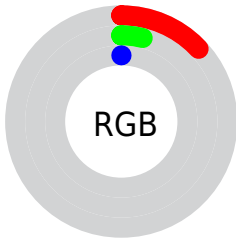
Format	Color
RYB	33, 12, 1
Decimal	2164993
CIELab	4.71, 9.64, 6.81
CIELCh	5, 11.803, 35.263
Yxy	0.5209, 0.5442, 0.3881
Android (android.graphics.Color)	4280355073 (0xFF210901)
YUV	15.2640, -7.0322, 15.5545
Hunter-Lab	7.2173, 5.4332, 4.3065

Details

The Hex color **210901** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **011921**, and the grayscale version is **0F0F0F**.

A 20% lighter version of the original color is **4C3531**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **210800**, and if you desaturate by 10%, it is **210B04**.

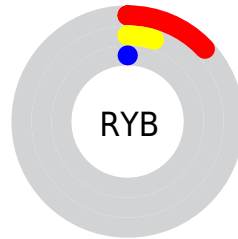
Distribution



Red (13%)

Green (4%)

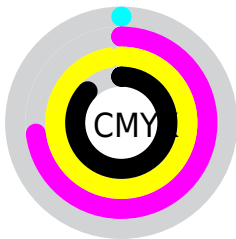
Blue (0%)



Red (13%)

Yellow (5%)

Blue (0%)

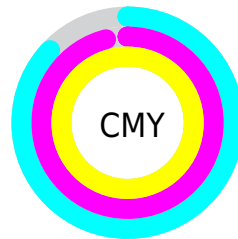


Cyan (0%)

Magenta (73%)

Yellow (97%)

Black (87%)



Cyan (87%)

Magenta (96%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 210901 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 210901 by changing the saturation by 10% instead.

■ 210901

■ 210901

■ FFE9E3

■ 000000

■ 4C3531

■ 654C47

■ 7E645F

■ 987D78

■ B39791

■ CFB1AC

■ EBCDC7

■ 210901

■ 210901

■ 210800

■ 210B04

■ 210E08

■ 21100B

■ 21130E

■ 211512

■ 211815

■ 211A18

■ 211D1B

■ 211F1F

Harmonies

Analogous

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



21080E



210901



1C0C00

Triad

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



210901



001505



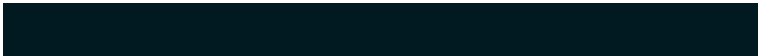
051020

Complementary

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



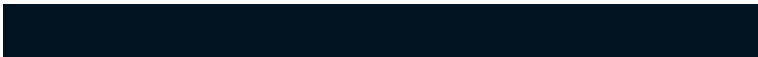
210901



011921

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.



00131F



210901



001612

Square

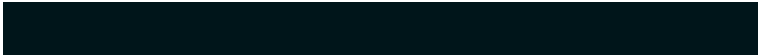
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



210901



091300



00151A



140D1E

Rectangle

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



210901



170F00



00151A



001120

Sweetspot

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



210901



2B221F



210119



17110F



969696



171717

Same Dimension

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



210901



2B0B00



211901



0F0E0E



4F1400



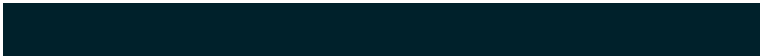
CF3400

Inverse Universe

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



011921



00212B



010921



0E0F0F



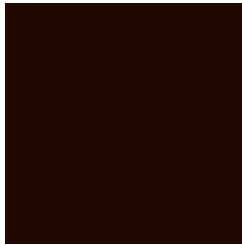
003B4F



009BCF

Previews

White Background



This preview shows how the Hex color 210901 looks on a white background.

Color Contrast Check

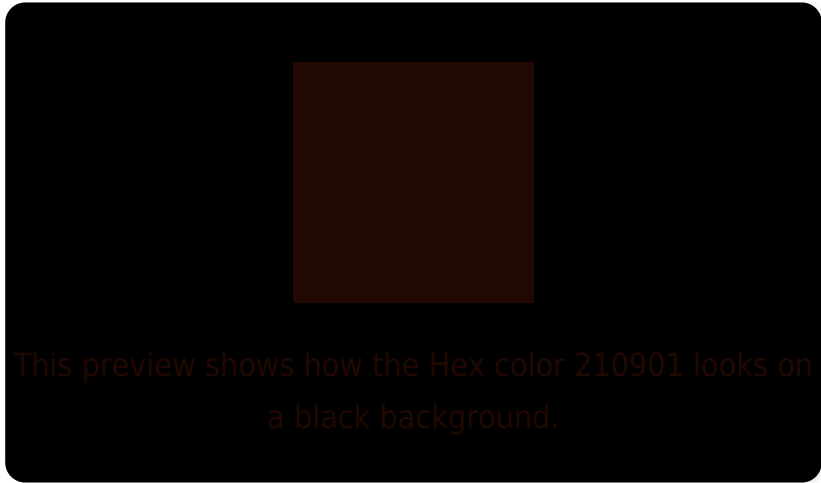
Large Text (above 18pt) WCAG AA ✓ Pass

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

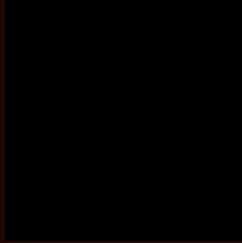
Any Text WCAG AA × Fail

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 210901 Background



This preview shows how black text looks on a background with the Hex color 210901.

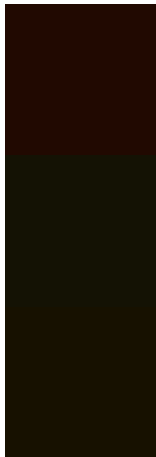


This preview shows how white text looks on a background with the Hex color 210901.

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
210901

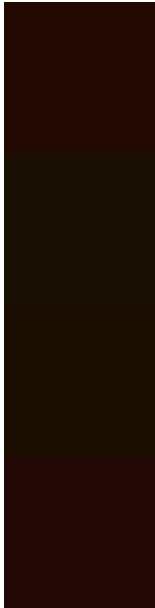
Protanopia
141204

Deuteranopia
171100



Tritanopia
210809

Trichromacy



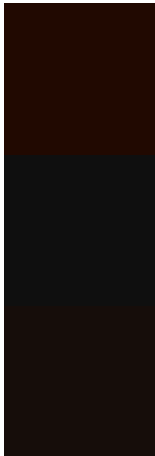
Original Color
210901

Protanomaly
190F03

Deuteranomaly
1B0E00

Tritanomaly
210806

Monochromacy



Original Color
210901

Achromatopsia
0F0F0F

Achromatomaly
160D0A

CSS Examples

Text

The CSS property to change the color of the text to Hex 210901 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 #210901 looks like.

```
.text, #text, p{  
    color:#210901  
}
```

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 #210901 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #210901
}
```

Border

The CSS property to change the border of an element to Hex 210901 is called "border". The border property can be set on classes, ids or directly on the HTML element.

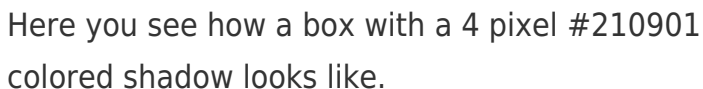
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#210901 }
```

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

```
.border{ border-color:#210901 }
```

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



Here you see how a box with a 4 pixel #210901 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #210901; -webkit-box-shadow:4px 4px  
4px 4px #210901; box-shadow:4px 4px 4px  
4px #210901 }
```

Background

The CSS property to change the background color of an element to Hex 210901 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#210901 }
```

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

```
.background{ background-color:#210901 }
```

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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