

Converting Colors

Hex(220301)

Have a look what the booklet for
Hex(220301) contains.

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Color

Hex(220301)

Conversions

Conversions Part 1

Format	Color
Hex	220301
RGB	34, 3, 1
RGB Percent	13%, 1%, 0%
CMY	0.8667, 0.9882, 0.9961
CMYK	0.00, 0.91, 0.97, 0.87
HSL	4°, 94%, 7%
HSV	4°, 97%, 13%
XYZ	0.6977, 0.4074, 0.0706
YIQ	12.0410, 19.1180, 5.9500

Conversions

Conversions Part 2

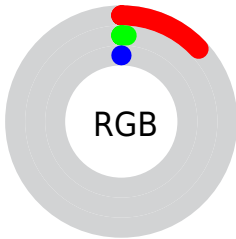
Format	Color
RYB	34, 3, 1
Decimal	2228993
CIELab	3.68, 12.72, 5.34
CIELCh	4, 13.793, 22.756
Yxy	0.4074, 0.5935, 0.3465
Android (android.graphics.Color)	4280419073 (0xFF220301)
YUV	12.0410, -5.4432, 19.2580
Hunter-Lab	6.3828, 8.3428, 3.8123

Details

The Hex color **220301** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **012022**, and the grayscale version is **0C0C0C**.

A 20% lighter version of the original color is **4D3131**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **220200**, and if you desaturate by 10%, it is **220604**.

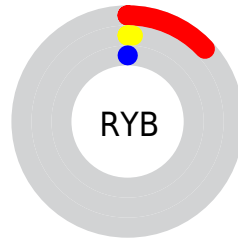
Distribution



Red (13%)

Green (1%)

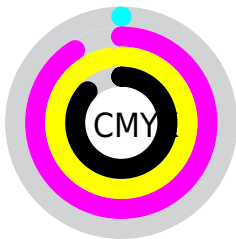
Blue (0%)



Red (13%)

Yellow (1%)

Blue (0%)

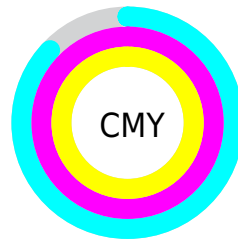


Cyan (0%)

Magenta (91%)

Yellow (97%)

Black (87%)



Cyan (87%)

Magenta (99%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 220301 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 220301 by changing the saturation by 10% instead.

 220301

 220301

 FFE4E3

 000000

 4D3131

 664847

 7F605F

 997878

 B49291

 D0ADAC

 EDC8C7

 220301

 220301

■ 220200

■ 220604

■ 220908

■ 220D0B

■ 22100F

■ 221312

■ 221615

■ 221919

■ 221D1C

■ 222020

Harmonies

Analogous

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



200311



220301



1E0600

Triad

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



220301



001300



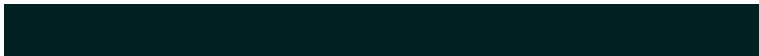
000F21

Complementary

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



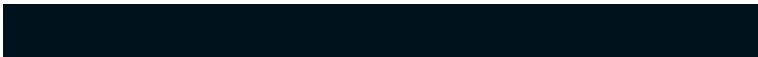
220301



012022

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.



00131D



220301



001509

Square

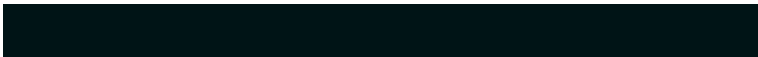
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



220301



071000



001416



0C0B1F

Rectangle

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



220301



190A00



001416



001120

Sweetspot

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



220301



2B201F



220120



170F0F



969696



171717

Same Dimension

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



220301



2B0300



221301



121010



520500



D10D00

Inverse Universe

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



012022



00292B



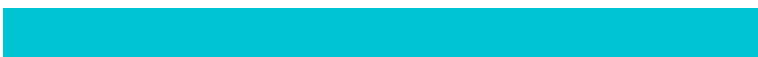
011022



101212



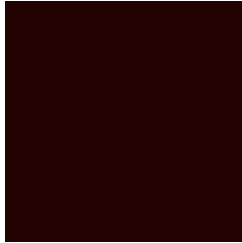
004D52



00C4D1

Previews

White Background



This preview shows how the Hex color 220301 looks on a white background.

Color Contrast Check

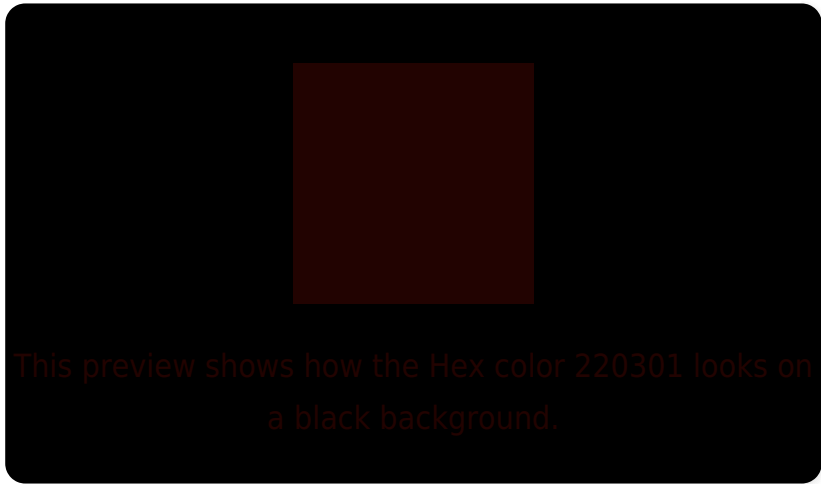
Large Text (above 18pt) WCAG AA ✓ Pass

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

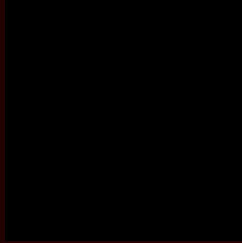
Any Text WCAG AA × Fail

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 220301 Background



This preview shows how black text looks on a background with the Hex color 220301.

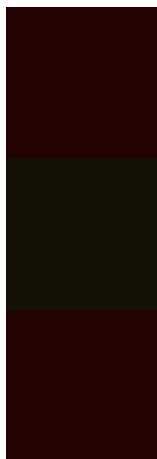


This preview shows how white text looks on a background with the Hex color 220301.

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

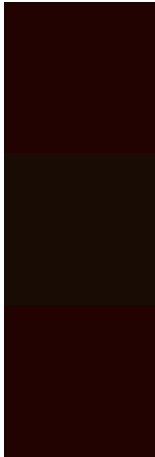


Original Color
220301

Protanopia
131105

Tritanopia
220301

Trichromacy

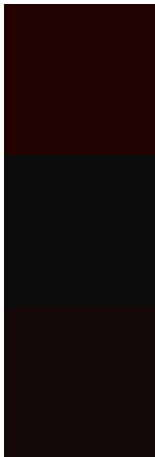


Original Color
220301

Protanomaly
180C04

Tritanomaly
220301

Monochromacy



Original Color
220301

Achromatopsia
0C0C0C

Achromatomaly
140908

CSS Examples

Text

The CSS property to change the color of the text to Hex 220301 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 #220301 looks like.

```
.text, #text, p{  
    color:#220301  
}
```

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 #220301 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #220301
}
```

Border

The CSS property to change the border of an element to Hex 220301 is called "border". The border property can be set on classes, ids or directly on the HTML element.

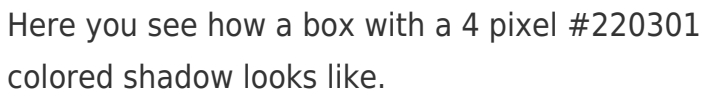
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#220301 }
```

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

```
.border{ border-color:#220301 }
```

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



Here you see how a box with a 4 pixel #220301 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #220301; -webkit-box-shadow:4px 4px  
4px 4px #220301; box-shadow:4px 4px 4px  
4px #220301 }
```

Background

The CSS property to change the background color of an element to Hex 220301 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#220301 }
```

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

```
.background{ background-color:#220301 }
```

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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