

Converting Colors

Hex(220201)

Have a look what the booklet for
Hex(220201) contains.

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Color

Hex(220201)

Conversions

Conversions Part 1

Format	Color
Hex	220201
RGB	34, 2, 1
RGB Percent	13%, 1%, 0%
CMY	0.8667, 0.9922, 0.9961
CMYK	0.00, 0.94, 0.97, 0.87
HSL	2°, 94%, 7%
HSV	2°, 97%, 13%
XYZ	0.6869, 0.3857, 0.0670
YIQ	11.4540, 19.3930, 6.4730

Conversions

Conversions Part 2

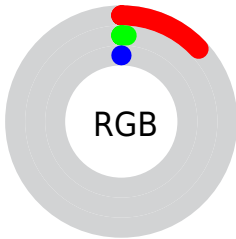
Format	Color
RYB	34, 2, 1
Decimal	2228737
CIELab	3.48, 13.12, 5.05
CIELCh	3, 14.058, 21.048
Yxy	0.3857, 0.6028, 0.3385
Android (android.graphics.Color)	4280418817 (0xFF220201)
YUV	11.4540, -5.1538, 19.7728
Hunter-Lab	6.2104, 8.8741, 3.7080

Details

The Hex color **220201** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **012122**, and the grayscale version is **0B0B0B**.

A 20% lighter version of the original color is **4D3031**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **220100**, and if you desaturate by 10%, it is **220504**.

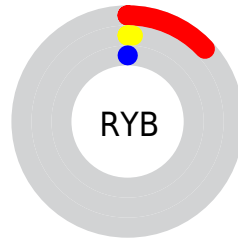
Distribution



Red (13%)

Green (1%)

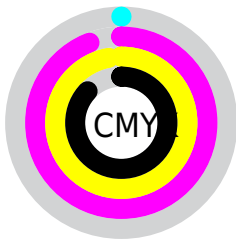
Blue (0%)



Red (13%)

Yellow (1%)

Blue (0%)

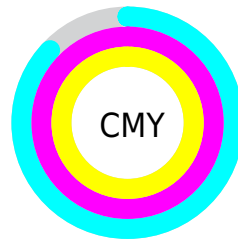


Cyan (0%)

Magenta (94%)

Yellow (97%)

Black (87%)



Cyan (87%)

Magenta (99%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 220201 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 220201 by changing the saturation by 10% instead.

 220201

 220201

 FFE3E3

 000000

 4D3031

 664747

 7F5F5F

 997878

 B49191

 D0ACAC

 EDC7C7

 220201

 220201

■ 220100

■ 220504

■ 220908

■ 220C0B

■ 220F0F

■ 221212

■ 221615

■ 221919

■ 221C1C

■ 222020

Harmonies

Analogous

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



200211



220201



1E0500

Triad

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



220201



001200



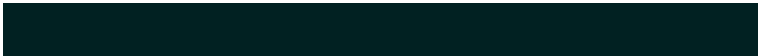
000F20

Complementary

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



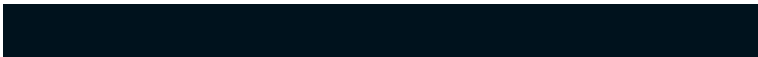
220201



012122

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.



00121D



220201



001407

Square

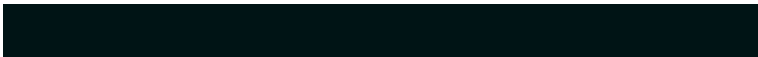
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



220201



060F00



001415



0A0A20

Rectangle

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



220201



190900



001415



001020

Sweetspot

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



220201



2B1F1F



220121



170F0F



969696



171717

Same Dimension

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



220201



2B0100



221201



121010



520200



D10600

Inverse Universe

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



012122



002A2B



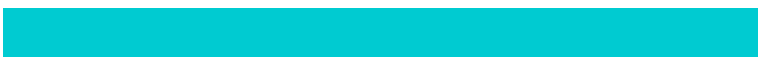
011122



101212



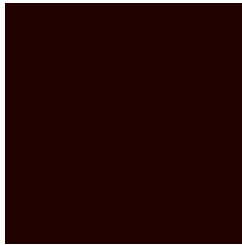
004F52



00CBD1

Previews

White Background



This preview shows how the Hex color 220201 looks on a white background.

Color Contrast Check

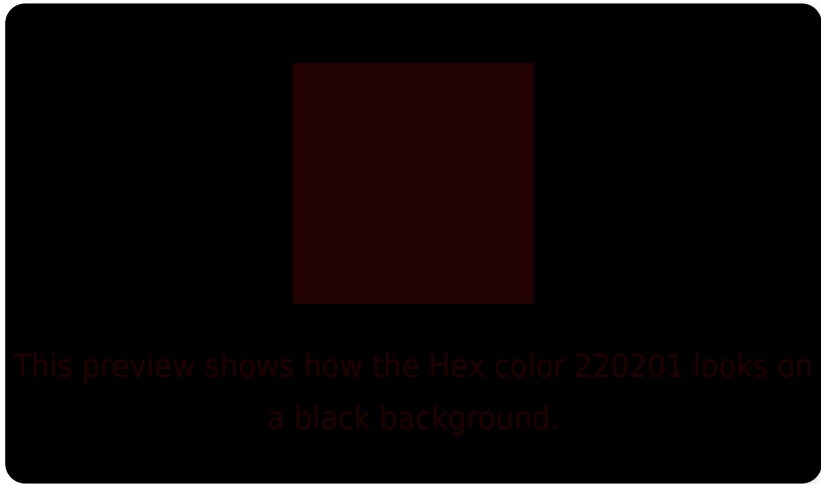
Large Text (above 18pt) WCAG AA ✓ Pass

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

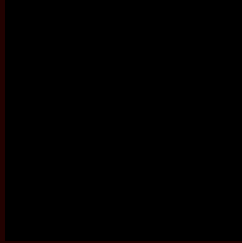
Any Text WCAG AA × Fail

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 220201 Background



This preview shows how black text looks on a background with the Hex color 220201.



This preview shows how white text looks on a background with the Hex color 220201.

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](#).

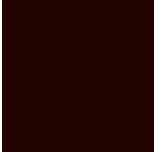
Dichromacy



Original Color
220201

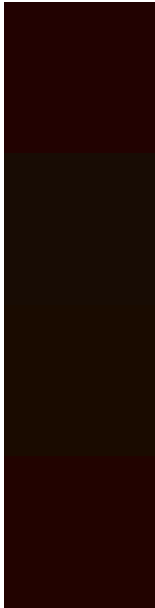
Protanopia
131105

Deuteranopia
161000



Tritanopia
220300

Trichromacy



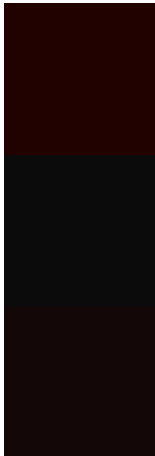
Original Color
220201

Protanomaly
180C04

Deuteranomaly
1A0B00

Tritanomaly
220300

Monochromacy



Original Color
220201

Achromatopsia
0B0B0B

Achromatomaly
130807

CSS Examples

Text

The CSS property to change the color of the text to Hex 220201 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 #220201 looks like.

```
.text, #text, p{  
    color:#220201  
}
```

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 #220201 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #220201
}
```

Border

The CSS property to change the border of an element to Hex 220201 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
#220201 }
```

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

```
.border{ border-color:#220201 }
```

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

Here you see how a box with a 4 pixel #220201 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #220201; -webkit-box-shadow:4px 4px  
4px 4px #220201; box-shadow:4px 4px 4px  
4px #220201 }
```

Background

The CSS property to change the background color of an element to Hex 220201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#220201 }
```

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

```
.background{ background-color:#220201 }
```

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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