

Converting Colors

Hex(21001C)

Have a look what the booklet for
Hex(21001C) contains.

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Color

Hex(21001C)

Conversions

Conversions Part 1

Format	Color
Hex	21001C
RGB	33, 0, 28
RGB Percent	13%, 0%, 11%
CMY	0.8706, 1.0000, 0.8902
CMYK	0.00, 1.00, 0.15, 0.87
HSL	309°, 100%, 6%
HSV	309°, 100%, 13%
XYZ	0.8368, 0.4072, 1.1331
YIQ	13.0590, 10.6800, 15.7040

Conversions

Conversions Part 2

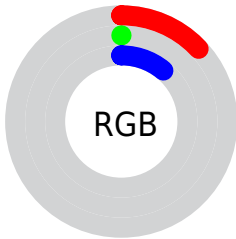
Format	Color
R_YB	33, 0, 28
Decimal	2162716
CIE Lab	3.68, 18.43, -9.74
CIE LCh	4, 20.840, 332.145
Yxy	0.4072, 0.3520, 0.1713
Android (android.graphics.Color)	4280352796 (0xFF21001C)
YUV	13.0590, 7.3659, 17.4883
Hunter-Lab	6.3810, 12.2415, -6.0616

Details

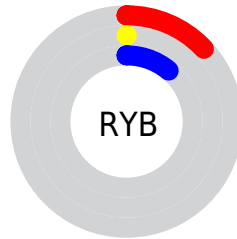
The Hex color **21001C** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **002105**, and the grayscale version is **0D0D0D**.

A 20% lighter version of the original color is **4D2E47**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **21001C**, and if you desaturate by 10%, it is **21031C**.

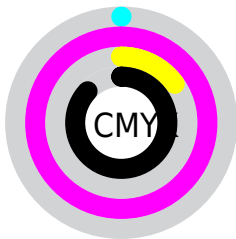
Distribution



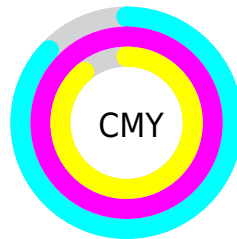
- Red (13%)
- Green (0%)
- Blue (11%)



- Red (13%)
- Yellow (0%)
- Blue (11%)



- Cyan (0%)
- Magenta (100%)
- Yellow (15%)
- Black (87%)



- Cyan (87%)
- Magenta (100%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 21001C 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 21001C by changing the saturation by 10% instead.

 21001C

 21001C

 FFE2FF

 000000

 4D2E47

 65455F

 7E5D78

 997691

 B38FAC

 CFAAC7

 ECC5E3

 21001C

■ 21031C

■ 21071D

■ 210A1D

■ 210D1E

■ 21111E

■ 21141F

■ 21171F

■ 211A20

■ 211E21

Harmonies

Analogous

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



110726



21001C



28000C

Triad

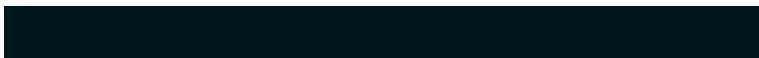
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



21001C



110D00



00161D

Complementary

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



21001C



002105

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.



00160E



21001C



001300

Square

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



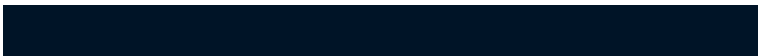
21001C



1F0500



001500



001427

Rectangle

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



21001C



280000



001500



001619

Sweetspot

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



21001C



2B1E29



050021



170F16



969696



171717

Same Dimension

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



21001C



2B0025



21000C



0F0E0F



4F0043



CF00AF

Inverse Universe

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



21001C



2B0025



002115



0F0E0F



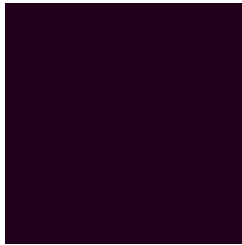
4F0043



CF00AF

Previews

White Background



This preview shows how the Hex color 21001C looks on a white background.

Color Contrast Check

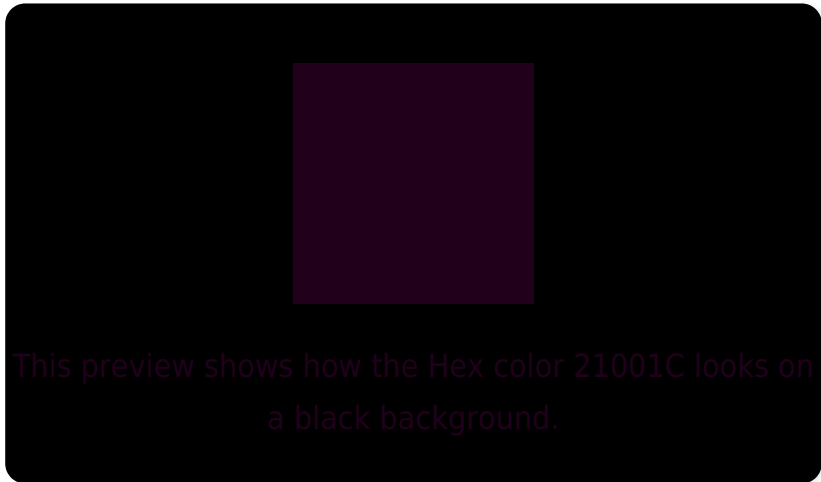
Large Text (above 18pt) WCAG AA ✓ Pass

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

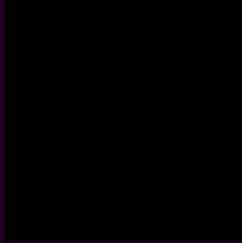
Any Text WCAG AA × Fail

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 21001C Background



This preview shows how black text looks on a background with the Hex color 21001C.



This preview shows how white text looks on a background with the Hex color 21001C.

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
21001C

Protanopia
001225

Deuteranopia
0F121A

Trichromacy



Original Color
21001C

Protanomaly
0C0B22

Deuteranomaly
160B1B

Tritanomaly
200712

Monochromacy



Original Color
21001C

Achromatopsia
0D0D0D

Achromatomaly
140812

CSS Examples

Text

The CSS property to change the color of the text to Hex 21001C 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 #21001C looks like.

```
.text, #text, p{  
    color:#21001C  
}
```

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 #21001C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #21001C
}
```

Border

The CSS property to change the border of an element to Hex 21001C is called "border". The border property can be set on classes, ids or directly on the HTML element.

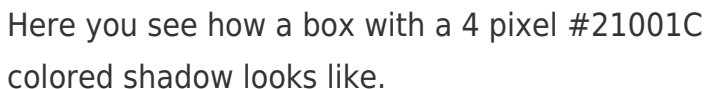
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#21001C }
```

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

```
.border{ border-color:#21001C }
```

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



Here you see how a box with a 4 pixel #21001C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #21001C; -webkit-box-shadow:4px 4px  
4px 4px #21001C; box-shadow:4px 4px 4px  
4px #21001C }
```

Background

The CSS property to change the background color of an element to Hex 21001C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#21001C }
```

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

```
.background{ background-color:#21001C }
```

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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