Converting Colors

Hex(1C0021)

Have a look what the booklet for Hex(1C0021) contains.

Color

Hex(1C0021)

Conversions

Conversions Part 1

Format	Color
Hex	1C0021
RGB	28, 0, 33
RGB Percent	11%, 0%, 13%
CMY	0.8902, 1.0000, 0.8706
CMYK	0.15, 1.00, 0.00, 0.87
HSL	291°, 100%, 6%
HSV	291°, 100%, 13%
XYZ	0.7534, 0.3567, 1.4680

Conversions

Conversions Part 2

Format	Color
RYB	28, 0, 33
Decimal	1835041
CIELab	3.22, 16.97, -14.46
CIELCh	3, 22.299, 319.574
Yxy	0.3567, 0.2922, 0.1384
Android (android.graphics.Color)	4280025121 (0xFF1C0021)
YUV	12.1340, 10.2869, 13.9145

Details

The Hex color 1C0021 is a dark color, and the **websafe** version is hex 000033. A complement of this color would be 052100, and the grayscale version is 0C0C0C.

A 20% lighter version of the original color is 462F4D, and 000000 is the 20% darker color. If you saturate the color by 10%, you get 1C0021, and if you desaturate by 10%, it is 1D0321.
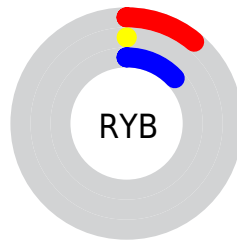
Distribution
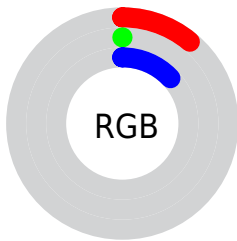
Red (11%)

Green (0%)

Blue (13%)

RYB

Red (11%)

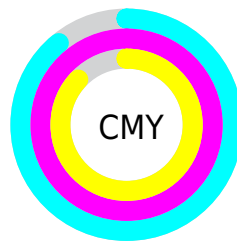Yellow (0%)

Blue (13%)

CMY

Cyan (15%)

Magenta (100%)

Yellow (0%)

Black (87%)

CMY

Cyan (89%)

Magenta (100%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1C0021 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 1C0021 by changing the saturation by 10% instead.

1C0021

2F1936

462F4D

5E4565

775D7E

917698

AC90B3

C7AACE

E3C6EB

FFE2FF

1C0021

000007

000000

1C0021

1D0321

1D0721

1E0A21

1E0D21

1F1121

1F1421

201721

201A21

211E21

Harmonies

Analogous

The analogous color harmony consists of three colors that are next to each other on the color wheel.
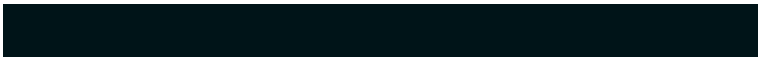
020829

1C0021

260014

Triad

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

1C0021

170800

001418

Complementary

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

1C0021

052100

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.

001301

1C0021

001000

Square

The square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.
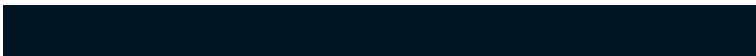
1C0021

230000

001300

001524

Rectangle

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

1C0021

290004

001300

001412

Sweetspot

The sweet spot groups the original color and five complimentary colors.

1C0021

291E2B

000621

160F17

969696

171717

Previews

White Background

This preview shows how the Hex color 1C0021 looks on a white background.

Color Contrast Check

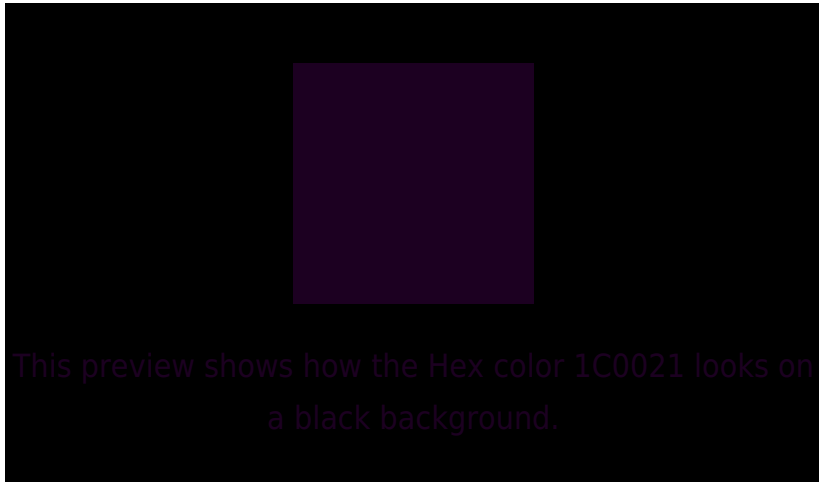Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

Black Background

This preview shows how the Hex color 1C0021 looks on a 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 1C0021 Background

This preview shows how black text looks on a background with the Hex color 1C0021.

This preview shows how white text looks on a background with the Hex color 1C0021.

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.
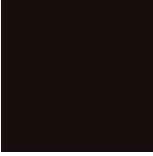
Dichromacy

Original Color
1C0021

Protanopia
001022

Deuteranopia
00111E

Tritanopia
190D0E

Trichromacy

Original Color
1C0021

Protanomaly
0A0A22

Deuteranomaly
0A0B1F

Tritanomaly
1A0815

Monochromacy

Original Color
1C0021

Achromatopsia
0C0C0C

Achromatomaly
120814

CSS Examples

Text

The CSS property to change the color of the text to Hex 1C0021 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 #1C0021 looks like.

```
.text, #text, p{
     color:#1C0021
}
```

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 #1C0021 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1C0021 }
```

Border

The CSS property to change the border of an element to Hex 1C0021 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 #1C0021 }
```

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

```
.border{ border-color:#1C0021 }
```

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

Here you see how a box with a 4 pixel #1C0021 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px
4px #1C0021; -webkit-box-shadow:4px 4px
4px 4px #1C0021; box-shadow:4px 4px 4px
4px #1C0021 }
```

Background

The CSS property to change the background color of an element to Hex 1C0021 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:#1C0021 }
```

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

```
.background{ background-color:#1C0021 }
```

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.

Hey! You found this booklet interesting? Have a look at my other booklet HOWCOLORS.WORK – A CSS color notation guide.

HOWCOLORS.WORK

A CSS color notation guide.
Are you new to web development and want to know the different ways to express colors in CSS? Then this booklet is for you!

HOWCOLORS.WORK will help you understand the syntax of the color notations in CSS.
You will learn all the current and new ways to express colors to prepare yourself for the future!

Buy now, starting at $4.99!

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