

Converting Colors

Hex(13021B)

Have a look what the booklet for
Hex(13021B) contains.

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Color

Hex(13021B)

Conversions

Conversions Part 1

Format	Color
Hex	13021B
RGB	19, 2, 27
RGB Percent	7%, 1%, 11%
CMY	0.9255, 0.9922, 0.8941
CMYK	0.30, 0.93, 0.00, 0.89
HSL	281°, 86%, 6%
HSV	281°, 93%, 11%
XYZ	0.4881, 0.2610, 1.0616
YIQ	9.9330, 2.1070, 11.3790

Conversions

Conversions Part 2

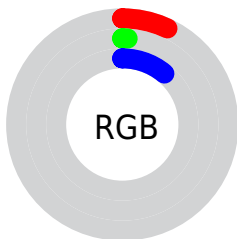
Format	Color
RYB	19, 2, 27
Decimal	1245723
CIELab	2.36, 9.83, -11.07
CIELCh	2, 14.810, 311.599
Yxy	0.2610, 0.2696, 0.1441
Android (android.graphics.Color)	4279435803 (0xFF13021B)
YUV	9.9330, 8.4140, 7.9518
Hunter-Lab	5.1088, 8.1137, -8.7438

Details

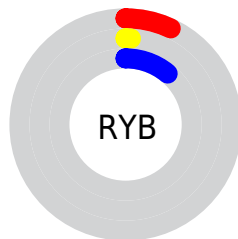
The Hex color **13021B** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **0A1B02**, and the grayscale version is **0A0A0A**.

A 20% lighter version of the original color is **3C3146**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **12001B**, and if you desaturate by 10%, it is **14051B**.

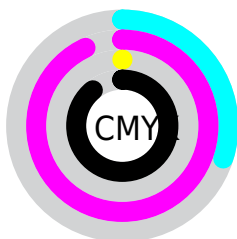
Distribution



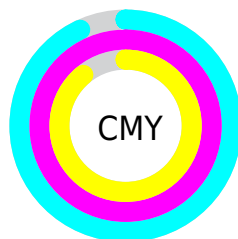
- Red (7%)
- Green (1%)
- Blue (11%)



- Red (7%)
- Yellow (1%)
- Blue (11%)



- Cyan (30%)
- Magenta (93%)
- Yellow (0%)
- Black (89%)



- Cyan (93%)
- Magenta (99%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 13021B 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 13021B by changing the saturation by 10% instead.

■ 13021B

■ 13021B

■ F3E4FE

■ 000000

■ 3C3146

■ 54485E

■ 6C5F76

■ 857890

■ 9F92AA

■ BAACC6

■ D6C8E2

■ 13021B

■ 13021B

■ 12001B

■ 14051B

■ 15071B

■ 160A1B

■ 160D1B

■ 17101B

■ 18121B

■ 19151B

■ 1A181B

■ 1B1A1B

Harmonies

Analogous

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



00081F



13021B



1D0012

Triad

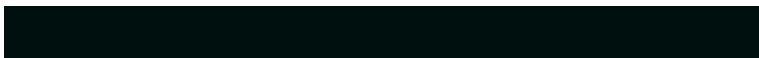
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



13021B



150500



00100F

Complementary

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



13021B



0A1B02

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.



000F00



13021B



060B00

Square

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



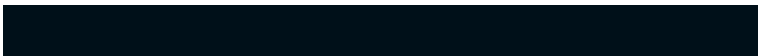
13021B



1E0000



000F00



001019

Rectangle

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



13021B



200008



000F00



001009

Sweetspot

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



13021B



211A24



020A1B



100C12



919191



121212

Same Dimension

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



13021B



180024



1B0217



0C0B0D



34004D



8B00CC

Inverse Universe

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



1B020A



24000B



021B06



0D0B0C



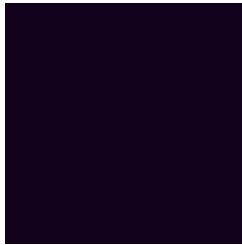
4D0018



CC0041

Previews

White Background



This preview shows how the Hex color 13021B looks on a white background.

Color Contrast Check

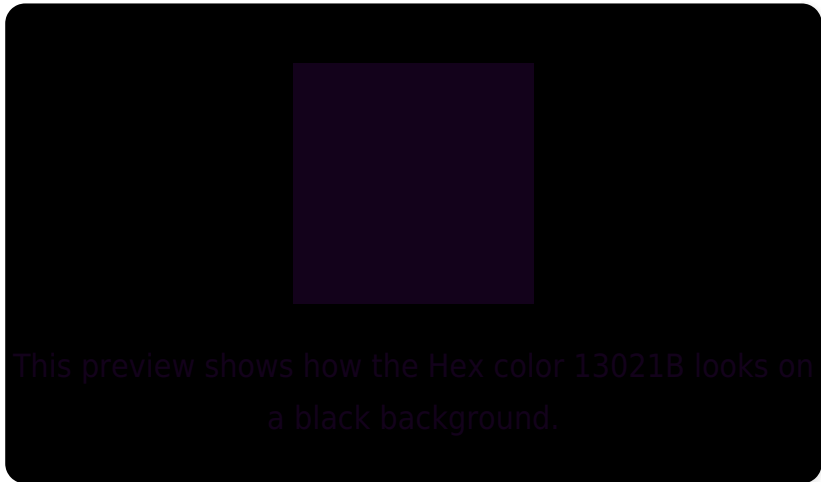
Large Text (above 18pt) WCAG AA ✓ Pass

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

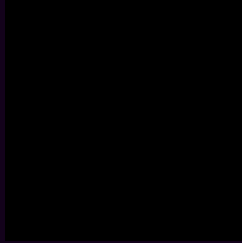
Any Text WCAG AA × Fail

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 13021B Background



This preview shows how black text looks on a background with the Hex color 13021B.



This preview shows how white text looks on a background with the Hex color 13021B.

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
13021B

Protanopia
000C19

Deuteranopia
000D16



Tritanopia
100B0B

Trichromacy



Original Color
13021B

Protanomaly
07081A

Deuteranomaly
070918

Tritanomaly
110811

Monochromacy



Original Color
13021B

Achromatopsia
0A0A0A

Achromatomaly
0D0710

CSS Examples

Text

The CSS property to change the color of the text to Hex 13021B 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 #13021B looks like.

```
.text, #text, p{  
    color:#13021B  
}
```

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 #13021B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #13021B
}
```

Border

The CSS property to change the border of an element to Hex 13021B is called "border". The border property can be set on classes, ids or directly on the HTML element.

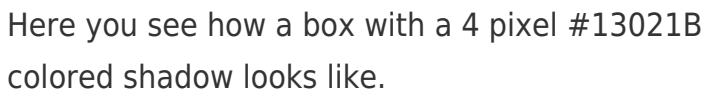
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#13021B }
```

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

```
.border{ border-color:#13021B }
```

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



Here you see how a box with a 4 pixel #13021B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #13021B; -webkit-box-shadow:4px 4px  
4px 4px #13021B; box-shadow:4px 4px 4px  
4px #13021B }
```

Background

The CSS property to change the background color of an element to Hex 13021B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#13021B }
```

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

```
.background{ background-color:#13021B }
```

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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