

Converting Colors

Hex(1B0401)

Have a look what the booklet for
Hex(1B0401) contains.

Hex(1B0401)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(1B0401)

Conversions

Conversions Part 1

Format	Color
Hex	1B0401
RGB	27, 4, 1
RGB Percent	11%, 2%, 0%
CMY	0.8941, 0.9843, 0.9961
CMYK	0.00, 0.85, 0.96, 0.89
HSL	7°, 93%, 5%
HSV	7°, 96%, 11%
XYZ	0.5009, 0.3220, 0.0645
YIQ	10.5350, 14.6710, 3.9430

Conversions

Conversions Part 2

Format	Color
RYB	27, 4, 1
Decimal	1770497
CIELab	2.91, 7.98, 4.09
CIELCh	3, 8.968, 27.155
Yxy	0.3220, 0.5644, 0.3629
Android (android.graphics.Color)	4279960577 (0xFF1B0401)
YUV	10.5350, -4.7008, 14.4398
Hunter-Lab	5.6748, 5.8244, 3.2987

Details

The Hex color **1B0401** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **01181B**, and the grayscale version is **0B0B0B**.

A 20% lighter version of the original color is **453231**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **1B0300**, and if you desaturate by 10%, it is **1B0604**.

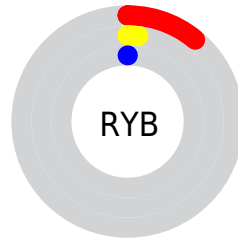
Distribution



Red (11%)

Green (2%)

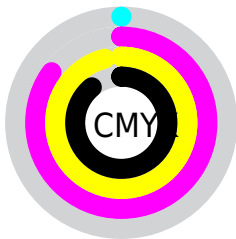
Blue (0%)



Red (11%)

Yellow (2%)

Blue (0%)

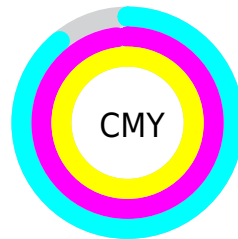


Cyan (0%)

Magenta (85%)

Yellow (96%)

Black (89%)



Cyan (89%)

Magenta (98%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1B0401 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 1B0401 by changing the saturation by 10% instead.

■ 1B0401

■ 1B0401

■ FEE5E3

■ 000000

■ 453231

■ 5C4947

■ 75615F

■ 8F7978

■ AA9391

■ C5AEAC

■ E1C9C7

■ 1B0401

■ 1B0401

■ 1B0300

■ 1B0604

■ 1B0906

■ 1B0B09

■ 1B0E0C

■ 1B100F

■ 1B1211

■ 1B1514

■ 1B1717

■ 1B1919

Harmonies

Analogous

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



1A040C



1B0401



170600

Triad

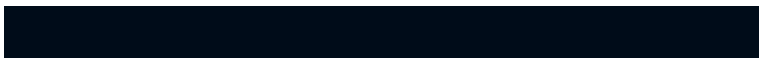
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



1B0401



000F00



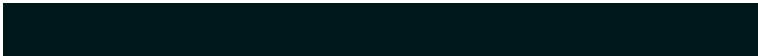
000C19

Complementary

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



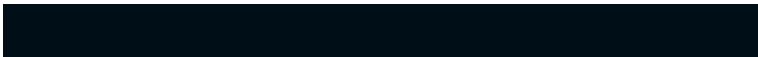
1B0401



01181B

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.



000F17



1B0401



001009

Square

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



1B0401



060D00



001012



0C0818

Rectangle

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



1B0401



130900



001012



000D19

Sweetspot

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



1B0401



241B19



1B0118



120C0C



919191



121212

Same Dimension

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



1B0401



240400



1B1101



0D0C0B



4D0900



CC1800

Inverse Universe

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



01181B



002024



010B1B



0B0D0D



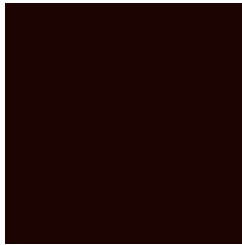
00444D



00B4CC

Previews

White Background



This preview shows how the Hex color 1B0401 looks on a white background.

Color Contrast Check

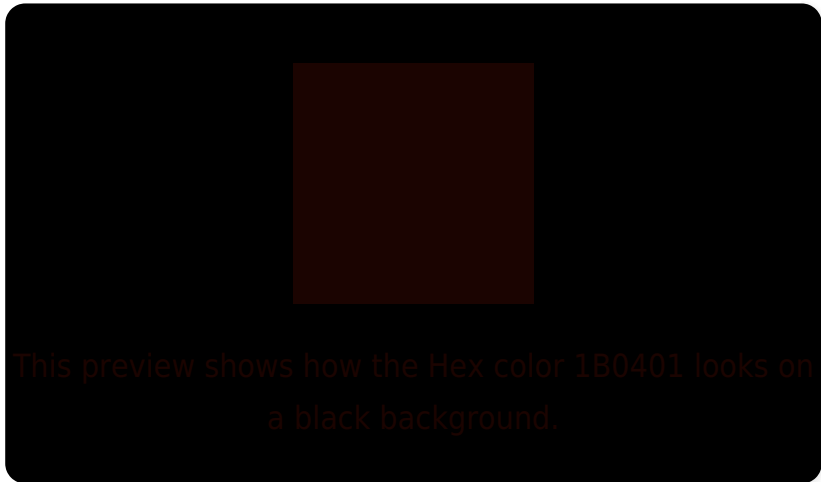
Large Text (above 18pt) WCAG AA ✓ Pass

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

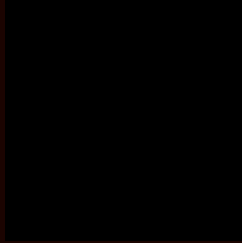
Any Text WCAG AA × Fail

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 1B0401 Background



This preview shows how black text looks on a background with the Hex color 1B0401.



This preview shows how white text looks on a background with the Hex color 1B0401.

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](#).

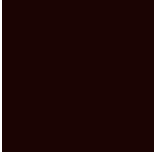
Dichromacy



Original Color
1B0401

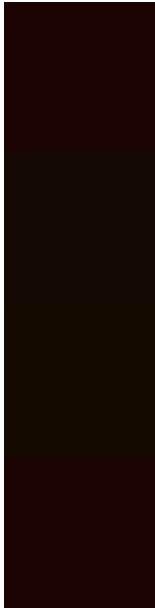
Protanopia
100E04

Deuteranopia
120D00



Tritanopia
1B0403

Trichromacy



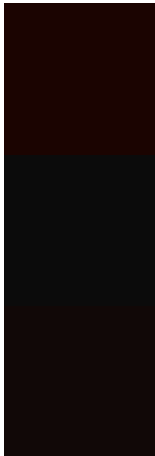
Original Color
1B0401

Protanomaly
140A03

Deuteranomaly
150A00

Tritanomaly
1B0402

Monochromacy



Original Color
1B0401

Achromatopsia
0B0B0B

Achromatomaly
110807

CSS Examples

Text

The CSS property to change the color of the text to Hex 1B0401 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 #1B0401 looks like.

```
.text, #text, p{  
    color:#1B0401  
}
```

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 #1B0401 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1B0401
}
```

Border

The CSS property to change the border of an element to Hex 1B0401 is called "border". The border property can be set on classes, ids or directly on the HTML element.

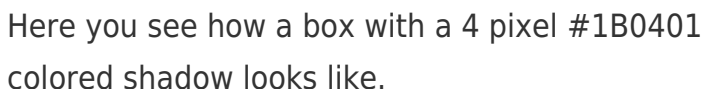
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1B0401 }
```

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

```
.border{ border-color:#1B0401 }
```

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



Here you see how a box with a 4 pixel #1B0401 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1B0401; -webkit-box-shadow:4px 4px  
4px 4px #1B0401; box-shadow:4px 4px 4px  
4px #1B0401 }
```

Background

The CSS property to change the background color of an element to Hex 1B0401 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1B0401 }
```

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

```
.background{ background-color:#1B0401 }
```

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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