

Converting Colors

Hex(18001B)

Have a look what the booklet for
Hex(18001B) contains.

Hex(18001B)	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(18001B)

Conversions

Conversions Part 1

Format	Color
Hex	18001B
RGB	24, 0, 27
RGB Percent	9%, 0%, 11%
CMY	0.9059, 1.0000, 0.8941
CMYK	0.11, 1.00, 0.00, 0.89
HSL	293°, 100%, 5%
HSV	293°, 100%, 11%
XYZ	0.5745, 0.2733, 1.0594
YIQ	10.2540, 5.6370, 13.4850

Conversions

Conversions Part 2

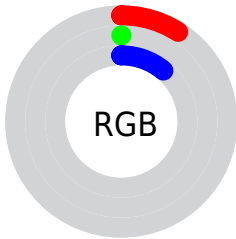
Format	Color
R_{YB}	24, 0, 27
Decimal	1572891
CIE Lab	2.47, 12.89, -10.85
CIE LCh	2, 16.853, 319.908
Yxy	0.2733, 0.3012, 0.1433
Android (android.graphics.Color)	4279762971 (0xFF18001B)
YUV	10.2540, 8.2558, 12.0552
Hunter-Lab	5.2280, 10.4667, -8.3547

Details

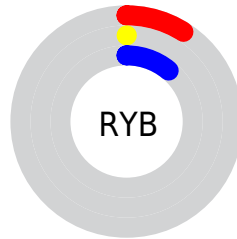
The Hex color **18001B** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **031B00**, and the grayscale version is **0A0A0A**.

A 20% lighter version of the original color is **412F46**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **18001B**, and if you desaturate by 10%, it is **18031B**.

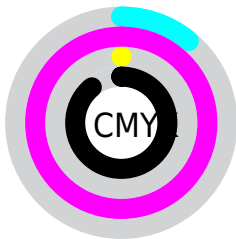
Distribution



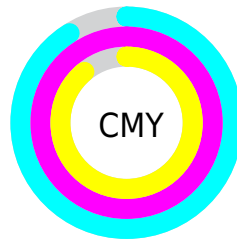
- Red (9%)
- Green (0%)
- Blue (11%)



- Red (9%)
- Yellow (0%)
- Blue (11%)



- Cyan (11%)
- Magenta (100%)
- Yellow (0%)
- Black (89%)



- Cyan (91%)
- Magenta (100%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 18001B 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 18001B by changing the saturation by 10% instead.

 18001B

 18001B

 F9E2FE

 000000

 412F46

 59465E

 725E76

 8B7690

 A690AA

 C1ABC6

 DDC6E2

 18001B

■ 18031B

■ 19051B

■ 19081B

■ 190B1B

■ 1A0E1B

■ 1A101B

■ 1A131B

■ 1A161B

■ 1B181B

Harmonies

Analogous

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



050621



18001B



210010

Triad

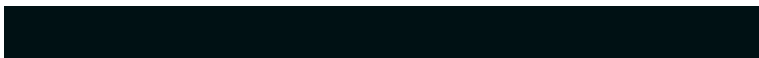
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



18001B



130600



001114

Complementary

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



18001B



031B00

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.



001001



18001B



000D00

Square

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



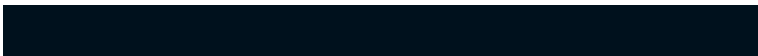
18001B



1E0000



001000



00111D

Rectangle

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



18001B



230003



001000



00100F

Sweetspot

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



18001B



231924



00031B



110B12



919191



121212

Same Dimension

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



18001B



200024



1B0011



0D0B0D



44004D



B500CC

Inverse Universe

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



1B0003



240004



001B0A



0D0B0C



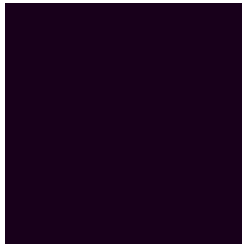
4D0008



CC0017

Previews

White Background



This preview shows how the Hex color 18001B looks on a white background.

Color Contrast Check

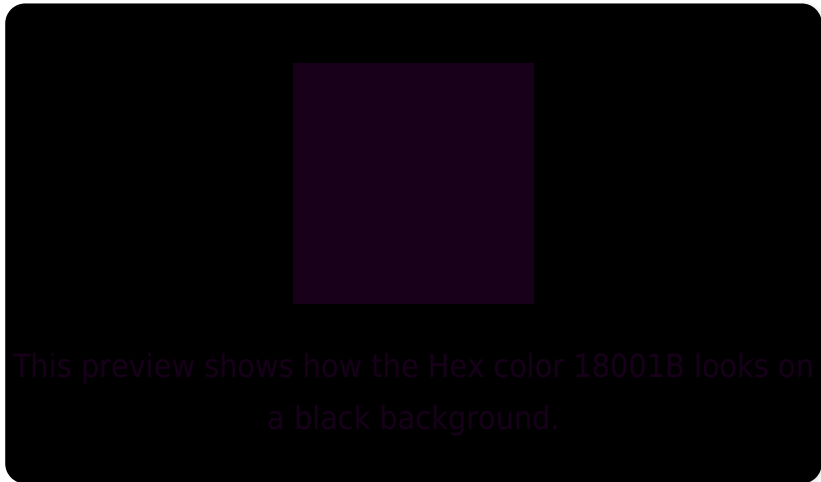
Large Text (above 18pt) WCAG AA ✓ Pass

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

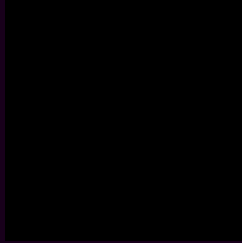
Any Text WCAG AA × Fail

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 18001B Background



This preview shows how black text looks on a background with the Hex color 18001B.



This preview shows how white text looks on a background with the Hex color 18001B.

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](#).

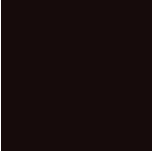
Dichromacy



Original Color
18001B

Protanopia
000E1D

Deuteranopia
030E19



Tritanopia
160B0B

Trichromacy



Original Color
18001B

Protanomaly
09091C

Deuteranomaly
0B091A

Tritanomaly
170711

Monochromacy



Original Color
18001B

Achromatopsia
0A0A0A

Achromatomaly
0F0610

CSS Examples

Text

The CSS property to change the color of the text to Hex 18001B 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 #18001B looks like.

```
.text, #text, p{  
    color:#18001B  
}
```

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 #18001B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #18001B
}
```

Border

The CSS property to change the border of an element to Hex 18001B 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
#18001B }
```

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

```
.border{ border-color:#18001B }
```

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

Here you see how a box with a 4 pixel #18001B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #18001B; -webkit-box-shadow:4px 4px  
4px 4px #18001B; box-shadow:4px 4px 4px  
4px #18001B }
```

Background

The CSS property to change the background color of an element to Hex 18001B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#18001B }
```

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

```
.background{ background-color:#18001B }
```

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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