

Converting Colors

Hex(017A1B)

Have a look what the booklet for
Hex(017A1B) contains.

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Color

Hex(017A1B)

Conversions

Conversions Part 1

Format	Color
Hex	017A1B
RGB	1, 122, 27
RGB Percent	0%, 48%, 11%
CMY	0.9961, 0.5216, 0.8941
CMYK	0.99, 0.00, 0.78, 0.52
HSL	133°, 98%, 24%
HSV	133°, 99%, 48%
XYZ	7.1699, 14.0047, 3.3622
YIQ	74.9910, -41.6210, -55.1970

Conversions

Conversions Part 2

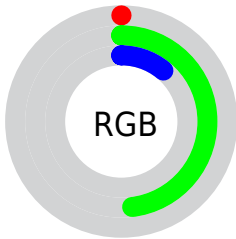
Format	Color
RYB	1, 101, 122
Decimal	96795
CIELab	44.24, -48.39, 41.12
CIELCh	44, 63.497, 139.645
Yxy	14.0047, 0.2922, 0.5708
Android (android.graphics.Color)	4278286875 (0xFF017A1B)
YUV	74.9910, -23.6596, -64.8901
Hunter-Lab	37.4228, -31.2908, 20.8691

Details

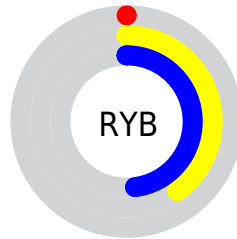
The Hex color **017A1B** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **7A0160**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **4FB04E**, and **004800** is the 20% darker color. If you saturate the color by 10%, you get **007A1A**, and if you desaturate by 10%, it is **0D7A25**.

Distribution



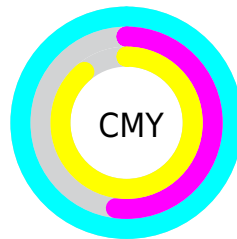
- Red (0%)
- Green (48%)
- Blue (11%)



- Red (0%)
- Yellow (40%)
- Blue (48%)



- Cyan (99%)
- Magenta (0%)
- Yellow (78%)
- Black (52%)





- Cyan (100%)
- Magenta (52%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 017A1B 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 017A1B by changing the saturation by 10% instead.

 017A1B

 017A1B

FFFFFF

 006000

 4FB04E

 004800

 6BCC67

 003100

 88E881

 001700


 A4FF9C

 000000

 C1FFB8

 DEFFD4

 FCFF0

 017A1B

 017A1B

■ 007A1A

■ 0D7A25

■ 197A2E

■ 267A38

■ 327A41

■ 3E7A4B

■ 4A7A54

■ 567A5E

■ 637A68

■ 6F7A71

Harmonies

Analogous

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



5E7000



017A1B



007F54

Triad

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



017A1B



0074D1



C42C49

Complementary

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



017A1B



7A0160

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.



BC2C7D



017A1B



3463CD

Square

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



017A1B



007DB9



9448AE



B24715

Rectangle

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



017A1B



008079



9448AE



C4275A

Sweetspot

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



017A1B



6F9E79



627A01



334F39



CFCFCF



4F4F4F

Same Dimension

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



017A1B



009E22



017A56



373D38



007D1B



00FC36

Inverse Universe

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



7A0160



9E007C



7A0125



3D373C



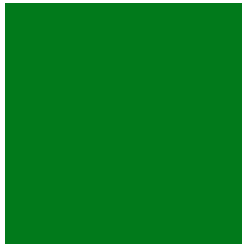
7D0062



FC00C6

Previews

White Background



This preview shows how the Hex color 017A1B looks on a white background.

Color Contrast Check

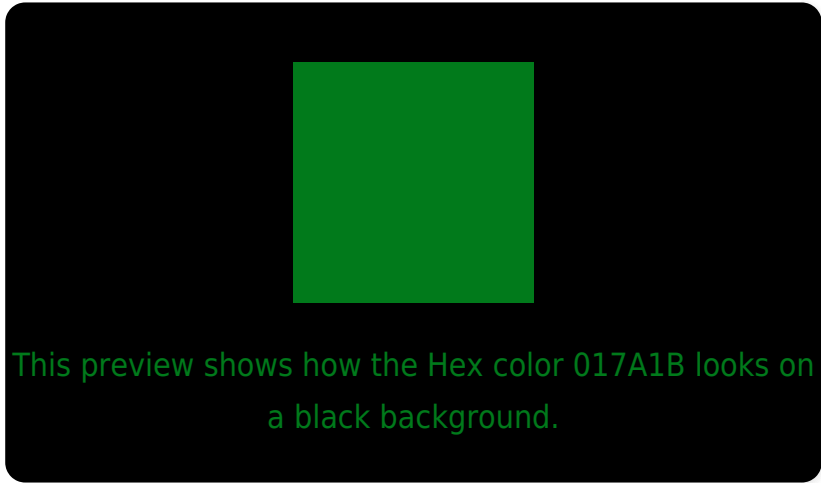
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 017A1B Background



This preview shows how black text looks on a background with the Hex color 017A1B.



This preview shows how white text looks on a background with the Hex color 017A1B.

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
017A1B

Protanopia
756917

Deuteranopia
826325



Tritanopia
32727B

Trichromacy



Original Color
017A1B



Protanomaly
4B6F18



Deuteranomaly
536B21



Tritanomaly
207558

Monochromacy



Original Color
017A1B



Achromatopsia
4B4B4B



Achromatomaly
305C3A

CSS Examples

Text

The CSS property to change the color of the text to Hex 017A1B 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 #017A1B looks like.

```
.text, #text, p{  
    color:#017A1B  
}
```

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 #017A1B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #017A1B
}
```

Border

The CSS property to change the border of an element to Hex 017A1B 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
#017A1B }
```

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

```
.border{ border-color:#017A1B }
```

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

Here you see how a box with a 4 pixel #017A1B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #017A1B; -webkit-box-shadow:4px 4px  
4px 4px #017A1B; box-shadow:4px 4px 4px  
4px #017A1B }
```

Background

The CSS property to change the background color of an element to Hex 017A1B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#017A1B }
```

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

```
.background{ background-color:#017A1B }
```

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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