

Converting Colors

Hex(17051A)

Have a look what the booklet for
Hex(17051A) contains.

Hex(17051A)	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(17051A)

Conversions

Conversions Part 1

Format	Color
Hex	17051A
RGB	23, 5, 26
RGB Percent	9%, 2%, 10%
CMY	0.9098, 0.9804, 0.8980
CMYK	0.12, 0.81, 0.00, 0.90
HSL	291°, 68%, 6%
HSV	291°, 81%, 10%
XYZ	0.5941, 0.3653, 1.0165
YIQ	12.7760, 3.9870, 10.3470

Conversions

Conversions Part 2

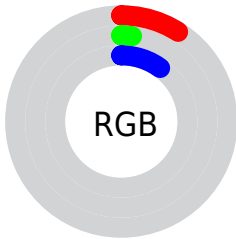
Format	Color
R_{YB}	23, 5, 26
Decimal	1508634
CIE Lab	3.30, 10.11, -8.84
CIE LCh	3, 13.430, 318.853
Yxy	0.3653, 0.3007, 0.1849
Android (android.graphics.Color)	4279698714 (0xFF17051A)
YUV	12.7760, 6.5194, 8.9664
Hunter-Lab	6.0438, 6.9687, -5.7409

Details

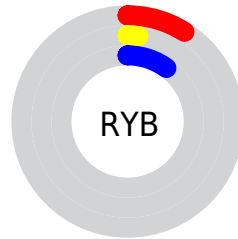
The Hex color **17051A** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **081A05**, and the grayscale version is **0D0D0D**.

A 20% lighter version of the original color is **413345**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **17021A**, and if you desaturate by 10%, it is **17081A**.

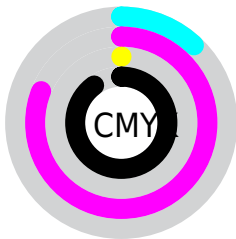
Distribution



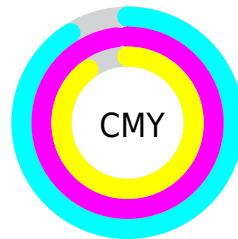
- Red (9%)
- Green (2%)
- Blue (10%)



- Red (9%)
- Yellow (2%)
- Blue (10%)



- Cyan (12%)
- Magenta (81%)
- Yellow (0%)
- Black (90%)



- Cyan (91%)
- Magenta (98%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color 17051A 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 17051A by changing the saturation by 10% instead.

■ 17051A

■ 17051A

■ F8E6FD

■ 000000

■ 413345

■ 58495C

■ 716175

■ 8A7A8F

■ A494A9

■ C0AFC4

■ DBCAE0

■ 17051A

■ 17051A

■ 17021A

■ 17081A

■ 16001A

■ 180A1A

■ 180D1A

■ 180F1A

■ 19121A

■ 19151A

■ 1A171A

■ 1A1A1A

■ 1A1C1A

Harmonies

Analogous

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



080A1F



17051A



1E0211

Triad

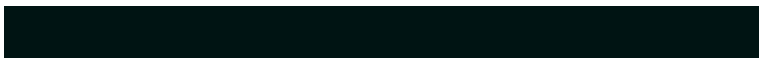
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



17051A



150900



001413

Complementary

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



17051A



081A05

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.



001305



17051A



070E00

Square

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



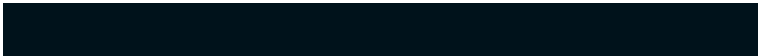
17051A



1D0500



001200



00121B

Rectangle

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



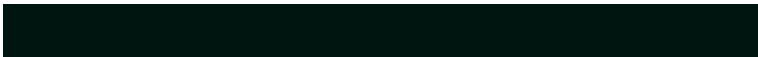
17051A



210108



001200



001410

Sweetspot

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



17051A



201921



05081A



110D12



919191



121212

Same Dimension

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



17051A



1D0121



1A0513



0D0B0D



42004D



AF00CC

Inverse Universe

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



1A0508



210106



051A0C



0D0B0C



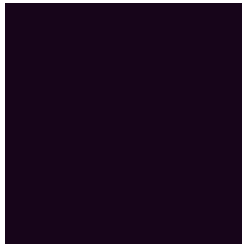
4D000B



CC001D

Previews

White Background



This preview shows how the Hex color 17051A looks on a white background.

Color Contrast Check

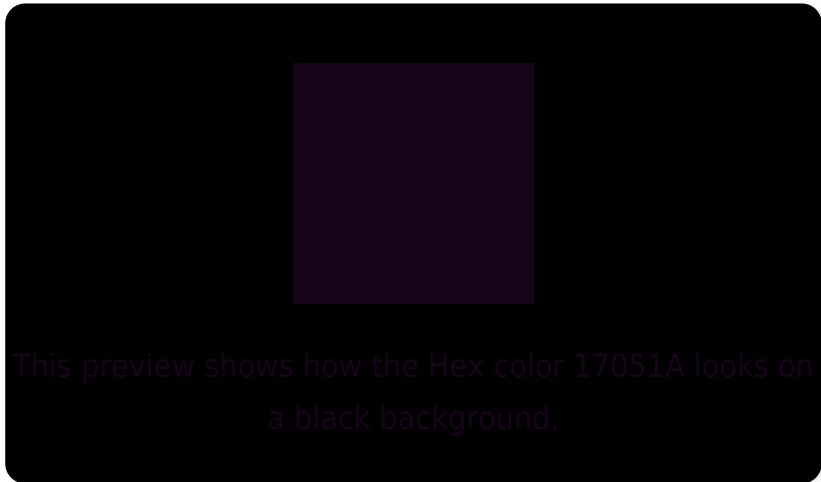
Large Text (above 18pt) WCAG AA ✓ Pass

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

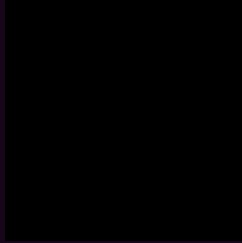
Any Text WCAG AA × Fail

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 17051A Background



This preview shows how black text looks on a background with the Hex color 17051A.



This preview shows how white text looks on a background with the Hex color 17051A.

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
17051A

Protanopia
000E1D

Deuteranopia
060E19



Tritanopia
150B0C

Trichromacy



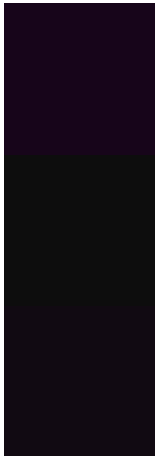
Original Color
17051A

Protanomaly
080B1C

Deuteranomaly
0C0B19

Tritanomaly
160911

Monochromacy



Original Color
17051A

Achromatopsia
0D0D0D

Achromatomaly
110A12

CSS Examples

Text

The CSS property to change the color of the text to Hex 17051A 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 #17051A looks like.

```
.text, #text, p{  
    color:#17051A  
}
```

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 #17051A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #17051A
}
```

Border

The CSS property to change the border of an element to Hex 17051A is called "border". The border property can be set on classes, ids or directly on the HTML element.

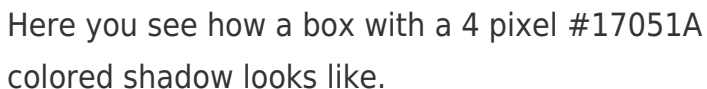
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#17051A }
```

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

```
.border{ border-color:#17051A }
```

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



Here you see how a box with a 4 pixel #17051A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #17051A; -webkit-box-shadow:4px 4px  
4px 4px #17051A; box-shadow:4px 4px 4px  
4px #17051A }
```

Background

The CSS property to change the background color of an element to Hex 17051A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#17051A }
```

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

```
.background{ background-color:#17051A }
```

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? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor