

Converting Colors

Hex(1B0506)

Have a look what the booklet for
Hex(1B0506) contains.

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Color

Hex(1B0506)

Conversions

Conversions Part 1

Format	Color
Hex	1B0506
RGB	27, 5, 6
RGB Percent	11%, 2%, 2%
CMY	0.8941, 0.9804, 0.9765
CMYK	0.00, 0.81, 0.78, 0.89
HSL	357°, 69%, 6%
HSV	357°, 81%, 11%
XYZ	0.5391, 0.3547, 0.2123
YIQ	11.6920, 12.7910, 4.9750

Conversions

Conversions Part 2

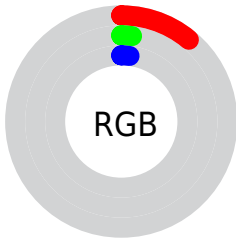
Format	Color
RYB	27, 5, 6
Decimal	1770758
CIELab	3.20, 8.27, 2.49
CIELCh	3, 8.640, 16.727
Yxy	0.3547, 0.4874, 0.3207
Android (android.graphics.Color)	4279960838 (0xFF1B0506)
YUV	11.6920, -2.8062, 13.4251
Hunter-Lab	5.9557, 5.7362, 2.0550

Details

The Hex color **1B0506** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **051B1A**, and the grayscale version is **0C0C0C**.

A 20% lighter version of the original color is **453334**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **1B0203**, and if you desaturate by 10%, it is **1B0809**.

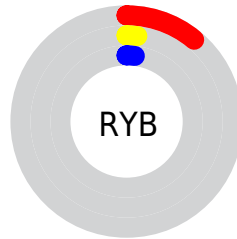
Distribution



Red (11%)

Green (2%)

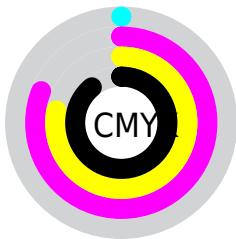
Blue (2%)



Red (11%)

Yellow (2%)

Blue (2%)

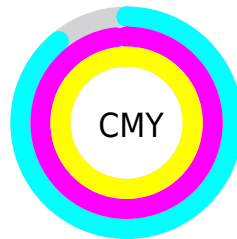


Cyan (0%)

Magenta (81%)

Yellow (78%)

Black (89%)



Cyan (89%)

Magenta (98%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1B0506 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 1B0506 by changing the saturation by 10% instead.

■ 1B0506

■ 1B0506

■ FEE6E7

■ 000000

■ 453334

■ 5D494A

■ 756162

■ 8F7A7B

■ AA9495

■ C5AFAF

■ E1CACB

■ 1B0506

■ 1B0506

■ 1B0203

■ 1B0809

■ 1B0001

■ 1B0A0B

■ 1B0D0E

■ 1B1010

■ 1B1213

■ 1B1515

■ 1B1818

■ 1B1B1B

■ 1B1D1D

Harmonies

Analogous

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



190510



1B0506



1A0700

Triad

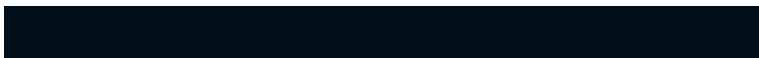
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



1B0506



020F00



000E19

Complementary

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



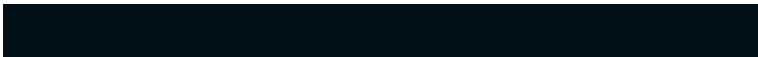
1B0506



051B1A

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.



001016



1B0506



001106

Square

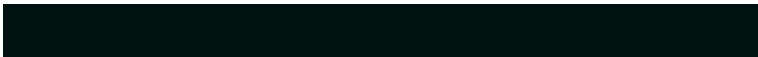
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



1B0506



0B0D00



001110



090B19

Rectangle

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



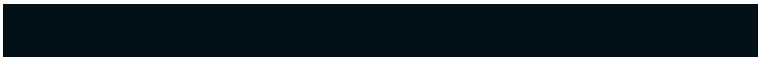
1B0506



160800



001110



000F18

Sweetspot

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



1B0506



241B1C



1A051B



120D0D



919191



121212

Same Dimension

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



1B0506



240102



1B0F05



0D0B0C



4D0003



CC0009

Inverse Universe

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



1B0506



240102



05111B



0D0B0C



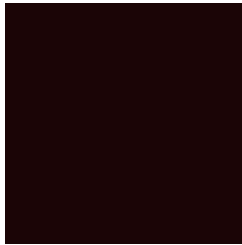
4D0003



CC0009

Previews

White Background



This preview shows how the Hex color 1B0506 looks on a white background.

Color Contrast Check

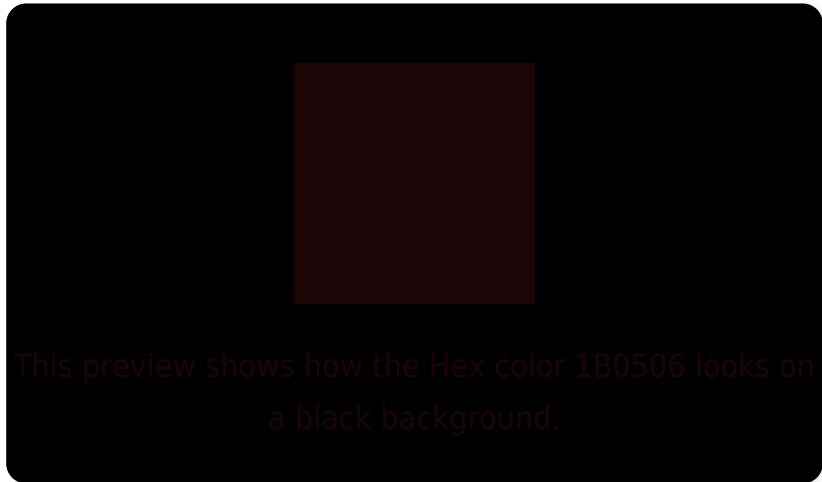
Large Text (above 18pt) WCAG AA ✓ Pass

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

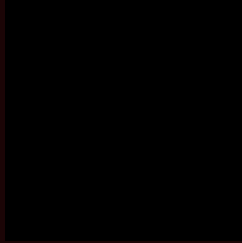
Any Text WCAG AA × Fail

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 1B0506 Background



This preview shows how black text looks on a background with the Hex color 1B0506.

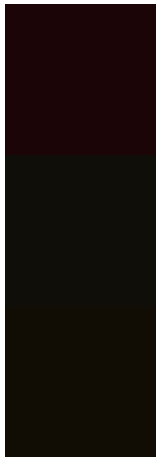


This preview shows how white text looks on a background with the Hex color 1B0506.

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](#).

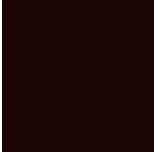
Dichromacy



Original Color
1B0506

Protanopia
0F0E09

Deuteranopia
120D04



Tritanopia
1B0505

Trichromacy



Original Color

1B0506

Protanomaly

130B08

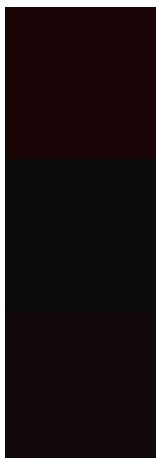
Deuteranomaly

150A05

Tritanomaly

1B0505

Monochromacy



Original Color

1B0506

Achromatopsia

0C0C0C

Achromatomaly

11090A

CSS Examples

Text

The CSS property to change the color of the text to Hex 1B0506 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 #1B0506 looks like.

```
.text, #text, p{  
    color:#1B0506  
}
```

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 #1B0506 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1B0506
}
```

Border

The CSS property to change the border of an element to Hex 1B0506 is called "border". The border property can be set on classes, ids or directly on the HTML element.

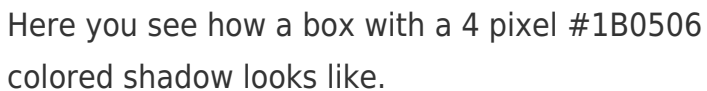
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1B0506 }
```

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

```
.border{ border-color:#1B0506 }
```

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



Here you see how a box with a 4 pixel #1B0506 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1B0506; -webkit-box-shadow:4px 4px  
4px 4px #1B0506; box-shadow:4px 4px 4px  
4px #1B0506 }
```

Background

The CSS property to change the background color of an element to Hex 1B0506 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1B0506 }
```

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

```
.background{ background-color:#1B0506 }
```

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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