

Converting Colors

Hex(181502)

Have a look what the booklet for
Hex(181502) contains.

Hex(181502)	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(181502)

Conversions

Conversions Part 1

Format	Color
Hex	181502
RGB	24, 21, 2
RGB Percent	9%, 8%, 1%
CMY	0.9059, 0.9176, 0.9922
CMYK	0.00, 0.12, 0.92, 0.91
HSL	52°, 85%, 5%
HSV	52°, 92%, 9%
XYZ	0.6558, 0.7349, 0.1647
YIQ	19.7310, 7.8870, -5.2730

Conversions

Conversions Part 2

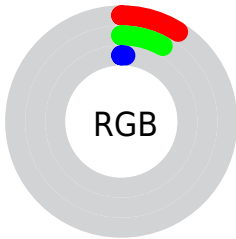
Format	Color
RYB	5, 24, 2
Decimal	1578242
CIELab	6.64, -1.75, 9.09
CIELCh	7, 9.256, 100.891
Yxy	0.7349, 0.4216, 0.4725
Android (android.graphics.Color)	4279768322 (0xFF181502)
YUV	19.7310, -8.7414, 3.7439
Hunter-Lab	8.5727, -1.3468, 4.8616

Details

The Hex color **181502** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **020518**, and the grayscale version is **141414**.

A 20% lighter version of the original color is **423F31**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **181500**, and if you desaturate by 10%, it is **181504**.

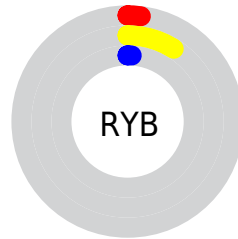
Distribution



Red (9%)

Green (8%)

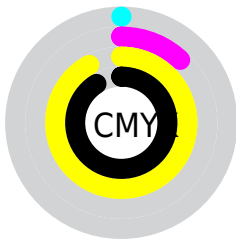
Blue (1%)



Red (2%)

Yellow (9%)

Blue (1%)

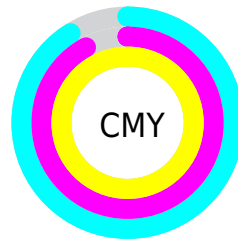


Cyan (0%)

Magenta (12%)

Yellow (92%)

Black (91%)



Cyan (91%)

Magenta (92%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color 181502 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 181502 by changing the saturation by 10% instead.

■ 181502

■ 181502

■ FAF6E4

■ 000000

■ 423F31

■ 595748

■ 726F5F

■ 8B8878

■ A6A292

■ C1BDAC

■ DDD9C8

■ 181502

■ 181502

■ 181500

■ 181504

■ 181607

■ 181609

■ 18160C

■ 18170E

■ 181710

■ 181713

■ 181815

■ 181818

Harmonies

Analogous

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



1E1303



181502



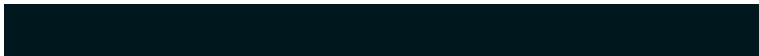
101707

Triad

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



181502



00181D



1E1019

Complementary

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



181502



020518

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.



19121E



181502



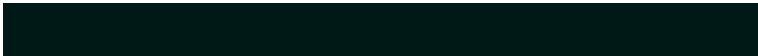
051720

Square

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



181502



001917



101421



211012

Rectangle

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



181502



08180D



101421



1D111B

Sweetspot

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



181502



1F1D16



180205



0F0F0A



8F8F8F



0F0F0F

Same Dimension

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



181502



1F1A00



101802



0D0D0B



4D4200



CCB000

Inverse Universe

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



020518



00041F



0A0218



0B0C0D



000A4D



001CCC

Previews

White Background



This preview shows how the Hex color 181502 looks on a white background.

Color Contrast Check

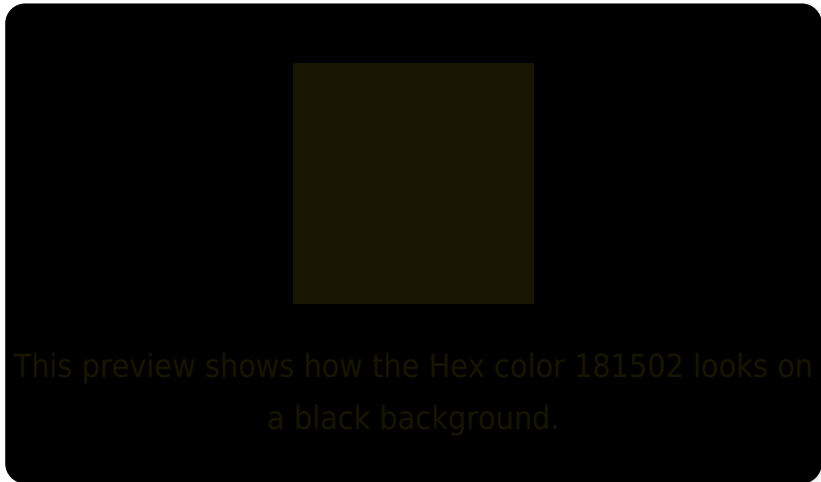
Large Text (above 18pt) WCAG AA ✓ Pass

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

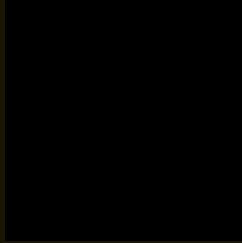
Any Text WCAG AA × Fail

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 181502 Background



This preview shows how black text looks on a background with the Hex color 181502.

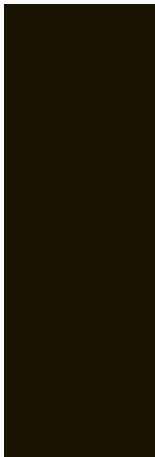


This preview shows how white text looks on a background with the Hex color 181502.

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
181502

Protanopia
181502

Deuteranopia
1B1403



Tritanopia
191415

Trichromacy



Original Color

181502

Protanomaly

181502

Deuteranomaly

1A1403

Tritanomaly

19140E

Monochromacy



Original Color

181502

Achromatopsia

141414

Achromatomaly

15140D

CSS Examples

Text

The CSS property to change the color of the text to Hex 181502 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 #181502 looks like.

```
.text, #text, p{  
    color:#181502  
}
```

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 #181502 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #181502
}
```

Border

The CSS property to change the border of an element to Hex 181502 is called "border". The border property can be set on classes, ids or directly on the HTML element.

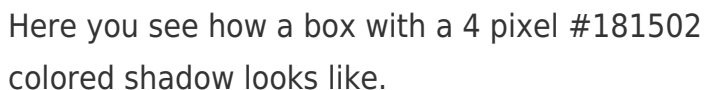
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#181502 }
```

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

```
.border{ border-color:#181502 }
```

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



Here you see how a box with a 4 pixel #181502 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #181502; -webkit-box-shadow:4px 4px  
4px 4px #181502; box-shadow:4px 4px 4px  
4px #181502 }
```

Background

The CSS property to change the background color of an element to Hex 181502 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#181502 }
```

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

```
.background{ background-color:#181502 }
```

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