

Converting Colors

Hex(001500)

Have a look what the booklet for
Hex(001500) contains.

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Color

Hex(001500)

Conversions

Conversions Part 1

Format	Color
Hex	001500
RGB	0, 21, 0
RGB Percent	0%, 8%, 0%
CMY	1.0000, 0.9176, 1.0000
CMYK	1.00, 0.00, 1.00, 0.92
HSL	120°, 100%, 4%
HSV	120°, 100%, 8%
XYZ	0.2682, 0.5363, 0.0894
YIQ	12.3270, -5.7750, -10.9830

Conversions

Conversions Part 2

Format	Color
R_{YB}	0, 21, 21
Decimal	5376
CIE _{Lab}	4.84, -9.90, 7.07
CIE _{LCh}	5, 12.165, 144.443
Yxy	0.5363, 0.3000, 0.6000
Android (android.graphics.Color)	4278195456 (0xFF001500)
YUV	12.3270, -6.0772, -10.8108
Hunter-Lab	7.3235, -6.2799, 4.4027

Details

The Hex color **001500** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **150015**, and the grayscale version is **0C0C0C**.

A 20% lighter version of the original color is **2F3F30**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **001500**, and if you desaturate by 10%, it is **021502**.

Distribution



Red (0%)

Green (8%)

Blue (0%)



Red (0%)

Yellow (8%)

Blue (8%)



Cyan (100%)

Magenta (0%)

Yellow (100%)

Black (92%)



Cyan (100%)

Magenta (92%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 001500 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 001500 by changing the saturation by 10% instead.

 001500

 001500

 E2F5E2

 000000

 2F3F30

 465646

 5D6F5E

 768877

 90A290

 ABBDAB

 C6D9C6

 001500

■ 021502

■ 041504

■ 061506

■ 081508

■ 0A150A

■ 0D150D

■ 0F150F

■ 111511

■ 131513

Harmonies

Analogous

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



0E1300



001500



00160E

Triad

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



001500



001221



220906

Complementary

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



001500



150015

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.



200813



001500



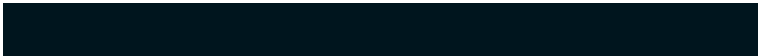
100E20

Square

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



001500



00151E



1B0B1B



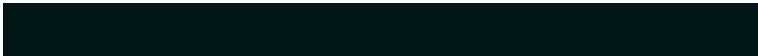
1F0B00

Rectangle

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



001500



001615



1B0B1B



22080B

Sweetspot

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



001500



141C14



151500



0A0F0A



8F8F8F



0F0F0F

Same Dimension

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



001500



001C00



00150A



090A09



004A00



00C900

Inverse Universe

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



150015



1C001C



15000A



0A090A



4A004A



C900C9

Previews

White Background



This preview shows how the Hex color 001500 looks on a white background.

Color Contrast Check

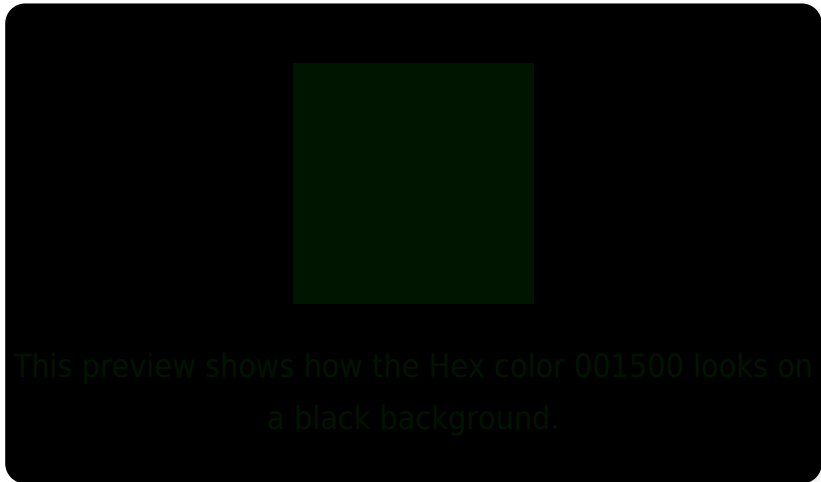
Large Text (above 18pt) WCAG AA ✓ Pass

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

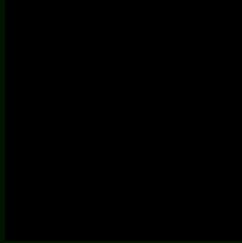
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

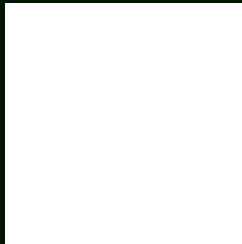
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 001500 Background



This preview shows how black text looks on a background with the Hex color 001500.



This preview shows how white text looks on a background with the Hex color 001500.

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
001500

Protanopia
141200

Deuteranopia
171105



Tritanopia
091415

Trichromacy



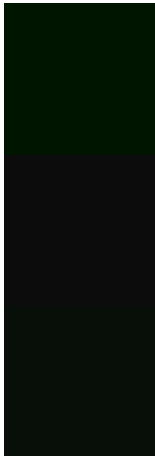
Original Color
001500

Protanomaly
0D1300

Deuteranomaly
0F1203

Tritanomaly
06140D

Monochromacy



Original Color
001500

Achromatopsia
0C0C0C

Achromatomaly
080F08

CSS Examples

Text

The CSS property to change the color of the text to Hex 001500 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 #001500 looks like.

```
.text, #text, p{  
    color:#001500  
}
```

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 #001500 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #001500
}
```

Border

The CSS property to change the border of an element to Hex 001500 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
#001500 }
```

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

```
.border{ border-color:#001500 }
```

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

Here you see how a box with a 4 pixel #001500 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #001500; -webkit-box-shadow:4px 4px  
4px 4px #001500; box-shadow:4px 4px 4px  
4px #001500 }
```

Background

The CSS property to change the background color of an element to Hex 001500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#001500 }
```

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

```
.background{ background-color:#001500 }
```

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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