

Converting Colors

Hex(001607)

Have a look what the booklet for
Hex(001607) contains.

Hex(001607)	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(001607)

Conversions

Conversions Part 1

Format	Color
Hex	001607
RGB	0, 22, 7
RGB Percent	0%, 9%, 3%
CMY	1.0000, 0.9137, 0.9725
CMYK	1.00, 0.00, 0.68, 0.91
HSL	139°, 100%, 4%
HSV	139°, 100%, 9%
XYZ	0.3253, 0.5892, 0.2976
YIQ	13.7120, -8.2970, -9.3290

Conversions

Conversions Part 2

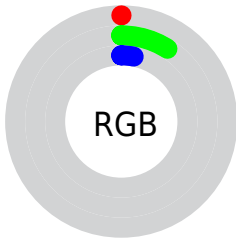
Format	Color
R_{YB}	0, 17, 22
Decimal	5639
CIE _{Lab}	5.32, -9.61, 4.92
CIE _{LCh}	5, 10.800, 152.906
Yxy	0.5892, 0.2684, 0.4861
Android (android.graphics.Color)	4278195719 (0xFF001607)
YUV	13.7120, -3.3090, -12.0254
Hunter-Lab	7.6757, -5.8684, 3.0743

Details

The Hex color **001607** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **16000F**, and the grayscale version is **0E0E0E**.

A 20% lighter version of the original color is **2F4034**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **001607**, and if you desaturate by 10%, it is **021609**.

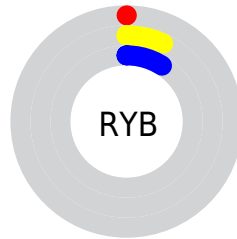
Distribution



Red (0%)

Green (9%)

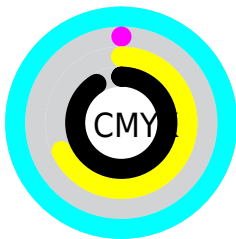
Blue (3%)



Red (0%)

Yellow (7%)

Blue (9%)

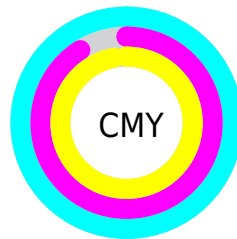


Cyan (100%)

Magenta (0%)

Yellow (68%)

Black (91%)



Cyan (100%)

Magenta (91%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Hex color 001607 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 001607 by changing the saturation by 10% instead.

 001607

 001607

 E2F7E8

 000000

 2F4034

 46574B

 5D7063

 76897C

 90A395

 AABFB0

 C6DACC

 001607

■ 021609

■ 04160A

■ 07160C

■ 09160D

■ 0B160F

■ 0D1610

■ 0F1612

■ 121613

■ 141615

Harmonies

Analogous

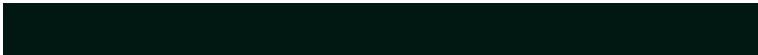
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



0E1400



001607



001712

Triad

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



001607



071220



210C06

Complementary

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



001607



16000F

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.



200B11



001607



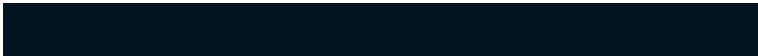
140F1E

Square

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



001607



00151F



1C0C19



1E0E00

Rectangle

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



001607



001718



1C0C19



210B0A

Sweetspot

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



001607



141C16



0F1600



0A0F0C



8F8F8F



0F0F0F

Same Dimension

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



001607



001C09



001612



090A0A



004A18



00C940

Inverse Universe

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



16000F



1C0013



160004



0A090A



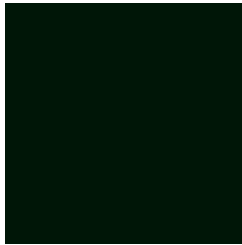
4A0032



C90089

Previews

White Background



This preview shows how the Hex color 001607 looks on a white background.

Color Contrast Check

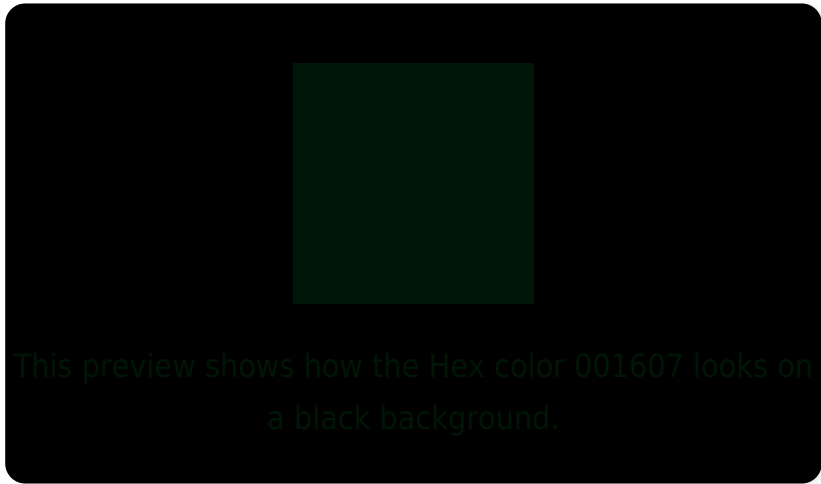
Large Text (above 18pt) WCAG AA ✓ Pass

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

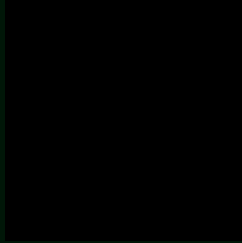
Any Text WCAG AA × Fail

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 001607 Background



This preview shows how black text looks on a background with the Hex color 001607.



This preview shows how white text looks on a background with the Hex color 001607.

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
001607

Protanopia
151306

Deuteranopia
171208



Tritanopia
091516

Trichromacy



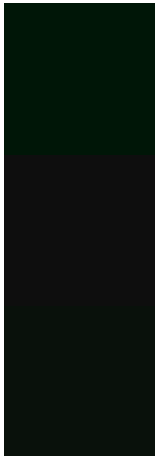
Original Color
001607

Protanomaly
0D1406

Deuteranomaly
0F1308

Tritanomaly
061511

Monochromacy



Original Color
001607

Achromatopsia
0E0E0E

Achromatomaly
09110B

CSS Examples

Text

The CSS property to change the color of the text to Hex 001607 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 #001607 looks like.

```
.text, #text, p{  
    color:#001607  
}
```

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 #001607 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #001607
}
```

Border

The CSS property to change the border of an element to Hex 001607 is called "border". The border property can be set on classes, ids or directly on the HTML element.

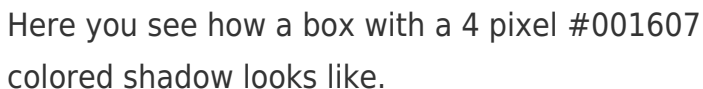
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#001607 }
```

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

```
.border{ border-color:#001607 }
```

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



Here you see how a box with a 4 pixel #001607 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #001607; -webkit-box-shadow:4px 4px  
4px 4px #001607; box-shadow:4px 4px 4px  
4px #001607 }
```

Background

The CSS property to change the background color of an element to Hex 001607 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#001607 }
```

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

```
.background{ background-color:#001607 }
```

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