

Converting Colors

Hex(004E0D)

Have a look what the booklet for
Hex(004E0D) contains.

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Color

Hex(004E0D)

Conversions

Conversions Part 1

Format	Color
Hex	004E0D
RGB	0, 78, 13
RGB Percent	0%, 31%, 5%
CMY	1.0000, 0.6941, 0.9490
CMYK	1.00, 0.00, 0.83, 0.69
HSL	130°, 100%, 15%
HSV	130°, 100%, 31%
XYZ	2.7970, 5.4778, 1.2907
YIQ	47.2680, -25.6230, -36.7510

Conversions

Conversions Part 2

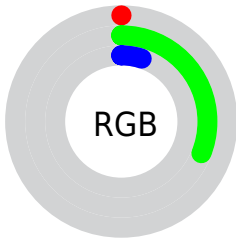
Format	Color
RYB	0, 67, 78
Decimal	19981
CIELab	28.05, -35.52, 30.35
CIElCh	28, 46.727, 139.487
Yxy	5.4778, 0.2924, 0.5727
Android (android.graphics.Color)	4278210061 (0xFF004E0D)
YUV	47.2680, -16.8941, -41.4540
Hunter-Lab	23.4048, -19.6264, 13.1137

Details

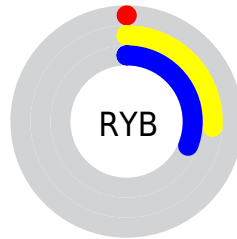
The Hex color **004E0D** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **4E0041**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **3F803C**, and **002300** is the 20% darker color. If you saturate the color by 10%, you get **004E0D**, and if you desaturate by 10%, it is **084E13**.

Distribution



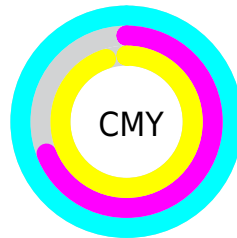
- Red (0%)
- Green (31%)
- Blue (5%)



- Red (0%)
- Yellow (26%)
- Blue (31%)



- Cyan (100%)
- Magenta (0%)
- Yellow (83%)
- Black (69%)



- Cyan (100%)
- Magenta (69%)
- Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 004E0D 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 004E0D by changing the saturation by 10% instead.

 004E0D

 004E0D

 FFFFF5

 003600

 3F803C

 002300

 599A54

 000000

 73B66D

 8ED187

 AAEEA2

 C6FFBD

 E3FFD9

 004E0D

■ 084E13

■ 104E1A

■ 174E21

■ 1F4E27

■ 274E2E

■ 2F4E34

■ 374E3B

■ 3E4E41

■ 464E48

Harmonies

Analogous

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



3C4700



004E0D



005134

Triad

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



004E0D



004A89



80192D

Complementary

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



004E0D



4E0041

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.



7B1950



004E0D



1D3E87

Square

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



004E0D



005079



602C71



742B09

Rectangle

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



004E0D



00524D



602C71



811538

Sweetspot

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



004E0D



47664D



414E00



213324



B3B3B3



333333

Same Dimension

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



004E0D



006611



004E34



222623



00E626

Inverse Universe

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



4E0041



660055



4E001A



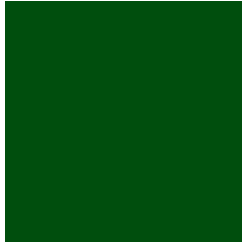
262226



E600BF

Previews

White Background



This preview shows how the Hex color 004E0D looks on a white background.

Color Contrast Check

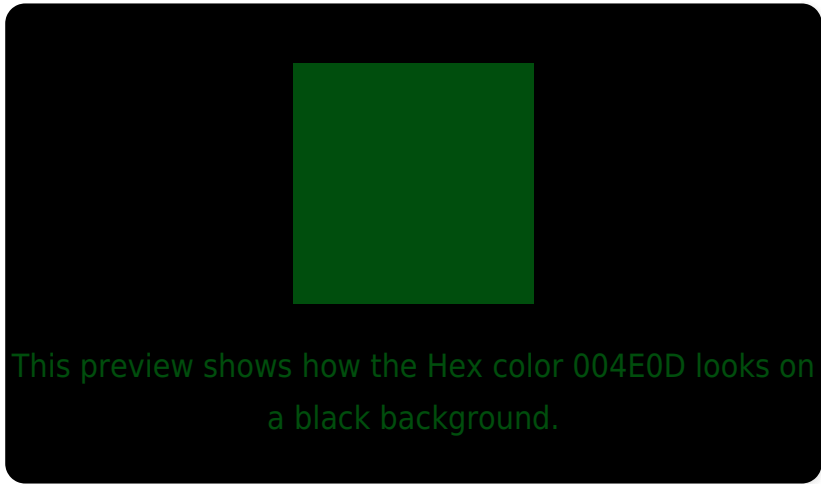
Large Text (above 18pt) WCAG AA ✓ Pass

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

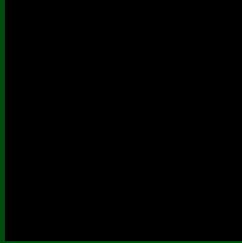
Any Text WCAG AA × Fail

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 004E0D Background



This preview shows how black text looks on a background with the Hex color 004E0D.



This preview shows how white text looks on a background with the Hex color 004E0D.

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
004E0D

Protanopia
4B430A

Deuteranopia
533F15

Trichromacy



Original Color
004E0D



Protanomaly
30470B



Deuteranomaly
354412

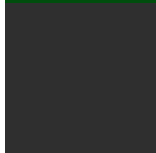


Tritanomaly
144B36

Monochromacy



Original Color
004E0D



Achromatopsia
2F2F2F



Achromatomaly
1E3A23

CSS Examples

Text

The CSS property to change the color of the text to Hex 004E0D 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 #004E0D looks like.

```
.text, #text, p{  
    color:#004E0D  
}
```

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 #004E0D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #004E0D }  
}
```

Border

The CSS property to change the border of an element to Hex 004E0D 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 #004E0D }  
}
```

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

```
.border{ border-color:#004E0D }
```

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

Here you see how a box with a 4 pixel #004E0D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #004E0D; -webkit-box-shadow:4px 4px  
4px 4px #004E0D; box-shadow:4px 4px 4px  
4px #004E0D }
```

Background

The CSS property to change the background color of an element to Hex 004E0D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#004E0D }
```

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

```
.background{ background-color:#004E0D }
```

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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