

# Converting Colors

Hex(004E19)

Have a look what the booklet for  
Hex(004E19) contains.

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# Color

**Hex(004E19)**

# Conversions

## Conversions Part 1

Format	Color
Hex	004E19
RGB	0, 78, 25
RGB Percent	0%, 31%, 10%
CMY	1.0000, 0.6941, 0.9020
CMYK	1.00, 0.00, 0.68, 0.69
HSL	139°, 100%, 15%
HSV	139°, 100%, 31%
XYZ	2.8999, 5.5190, 1.8321
YIQ	48.6360, -29.4750, -33.0190

# Conversions

## Conversions Part 2

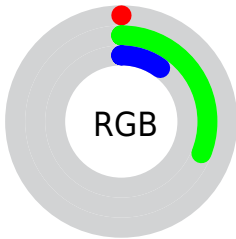
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">0, 59, 78</a>
Decimal	<a href="#">19993</a>
CIELab	<a href="#">28.16, -34.13, 24.90</a>
CIELCh	<a href="#">28, 42.245, 143.891</a>
Yxy	<a href="#">5.5190, 0.2829, 0.5384</a>
Android (android.graphics.Color)	<a href="#">4278210073 (0xFF004E19)</a>
YUV	<a href="#">48.6360, -11.6525, -42.6538</a>
Hunter-Lab	<a href="#">23.4925, -19.0782, 11.8208</a>

# Details

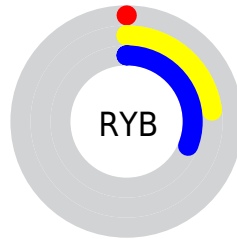
The Hex color **004E19** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **4E0035**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **3E8047**, and **002300** is the 20% darker color. If you saturate the color by 10%, you get **004E19**, and if you desaturate by 10%, it is **084E1E**.

# Distribution



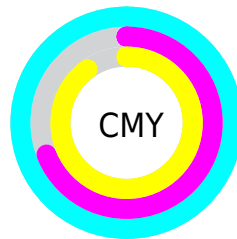
- Red (0%)
- Green (31%)
- Blue (10%)



- Red (0%)
- Yellow (23%)
- Blue (31%)



- Cyan (100%)
- Magenta (0%)
- Yellow (68%)
- Black (69%)



- Cyan (100%)
- Magenta (69%)
- Yellow (90%)


# Brightness & Saturation Gradients

These gradients show how the Hex color 004E19 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 004E19 by changing the saturation by 10% instead.



 004E19

 004E19

FEFFFF

 003600

 3E8047

 002300

 589A5F

 000000

 72B578

 8DD192

 A9EEAC

 C5FFC8

 E1FFE4

 004E19

■ 084E1E

■ 104E24

■ 174E29

■ 1F4E2E

■ 274E34

■ 2F4E39

■ 374E3E

■ 3E4E43

■ 464E49

# Harmonies

## Analogous

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



384800



004E19



00513B

# Triad

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



004E19



004883



7B222A

# Complementary

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



004E19



4E0035

# 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.



781F4B



004E19



333D7E

# Square

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



004E19



004F77



632D69



6E310C

# Rectangle

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



004E19



005151



632D69



7C1F35



# Sweetspot

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



004E19



476651



354E00



213327



B3B3B3



333333



# Same Dimension

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



004E19



006621



004E40



222624



00E64A

# Inverse Universe

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



4E0035



660045



4E000E



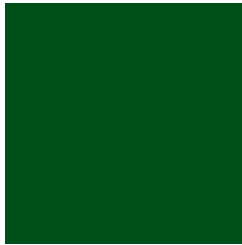
262225



E6009C

# Previews

## White Background



This preview shows how the Hex color 004E19 looks on a white background.

## Color Contrast Check

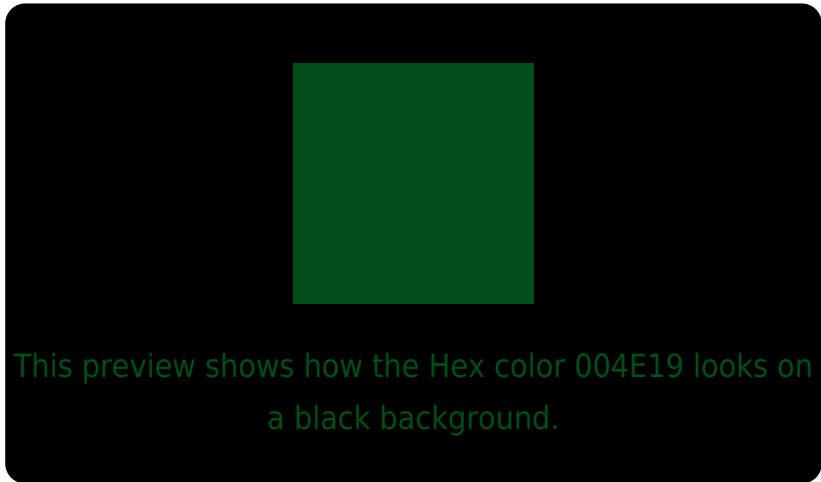
Large Text (above 18pt) WCAG AA ✓ Pass

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 004E19 Background



This preview shows how black text looks on a background with the Hex color 004E19.



This preview shows how white text looks on a background with the Hex color 004E19.

# 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

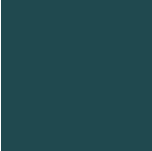


**Original Color**  
004E19

**Protanopia**  
4B4316

**Deuteranopia**  
53401E





**Tritanopia**  
20494F

# Trichromacy



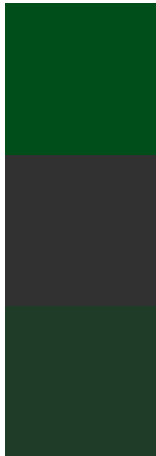
**Original Color**  
004E19

**Protanomaly**  
304717

**Deuteranomaly**  
35451C

**Tritanomaly**  
144B3B

# Monochromacy



**Original Color**  
004E19

**Achromatopsia**  
313131

**Achromatomaly**  
1F3C28

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 004E19 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 #004E19 looks like.

```
.text, #text, p{  
    color:#004E19  
}
```

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 #004E19 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #004E19
}
```

## Border

The CSS property to change the border of an element to Hex 004E19 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
#004E19 }
```

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

```
.border{ border-color:#004E19 }
```

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

Here you see how a box with a 4 pixel #004E19 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #004E19; -webkit-box-shadow:4px 4px  
4px 4px #004E19; box-shadow:4px 4px 4px  
4px #004E19 }
```

# Background

The CSS property to change the background color of an element to Hex 004E19 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#004E19 }
```

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

```
.background{ background-color:#004E19 }
```

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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