

Converting Colors

Hex(004D1E)

Have a look what the booklet for
Hex(004D1E) contains.

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Color

Hex(004D1E)

Conversions

Conversions Part 1

Format	Color
Hex	004D1E
RGB	0, 77, 30
RGB Percent	0%, 30%, 12%
CMY	1.0000, 0.6980, 0.8824
CMYK	1.00, 0.00, 0.61, 0.70
HSL	143°, 100%, 15%
HSV	143°, 100%, 30%
XYZ	2.8882, 5.4015, 2.1187
YIQ	48.6190, -30.8050, -30.9410

Conversions

Conversions Part 2

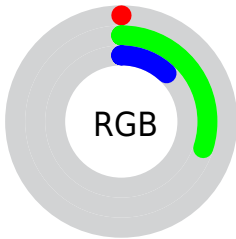
Format	Color
RYB	0, 55, 77
Decimal	19742
CIELab	27.85, -32.98, 21.81
CIELCh	28, 39.537, 146.523
Yxy	5.4015, 0.2775, 0.5190
Android (android.graphics.Color)	4278209822 (0xFF004D1E)
YUV	48.6190, -9.1792, -42.6389
Hunter-Lab	23.2411, -18.4894, 10.8639

Details

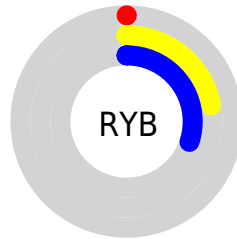
The Hex color **004D1E** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **4D002F**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **3D7F4B**, and **002200** is the 20% darker color. If you saturate the color by 10%, you get **004D1E**, and if you desaturate by 10%, it is **084D23**.

Distribution



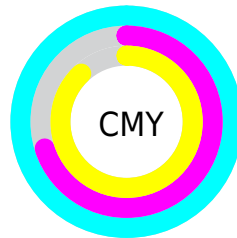
- Red (0%)
- Green (30%)
- Blue (12%)



- Red (0%)
- Yellow (22%)
- Blue (30%)



- Cyan (100%)
- Magenta (0%)
- Yellow (61%)
- Black (70%)



- Cyan (100%)
- Magenta (70%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 004D1E 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 004D1E by changing the saturation by 10% instead.

 004D1E

 004D1E

 FDFFFF

 003607

 3D7F4B

 002200

 579964

 000000

 72B47D

 8CD097

 A8ECB2

 C4FFCD

 E0FFE9

 004D1E

■ 084D23

■ 0F4D27

■ 174D2C

■ 1F4D31

■ 274D35

■ 2E4D3A

■ 364D3F

■ 3E4D44

■ 454D48

Harmonies

Analogous

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



364801



004D1E



004F3D

Triad

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



004D1E



00467F



762629

Complementary

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



004D1E



4D002F

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.



752247



004D1E



3A3B78

Square

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



004D1E



004D74



632D64



69330D

Rectangle

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



004D1E



005052



632D64



782332

Sweetspot

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



004D1E



466351



2F4D00



213328



B3B3B3



333333

Same Dimension

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



004D1E



006327



004D44



222624



006628



00E659

Inverse Universe

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



4D002F



63003D



4D0009



262225



66003E



E6008C

Previews

White Background



This preview shows how the Hex color 004D1E looks on a white background.

Color Contrast Check

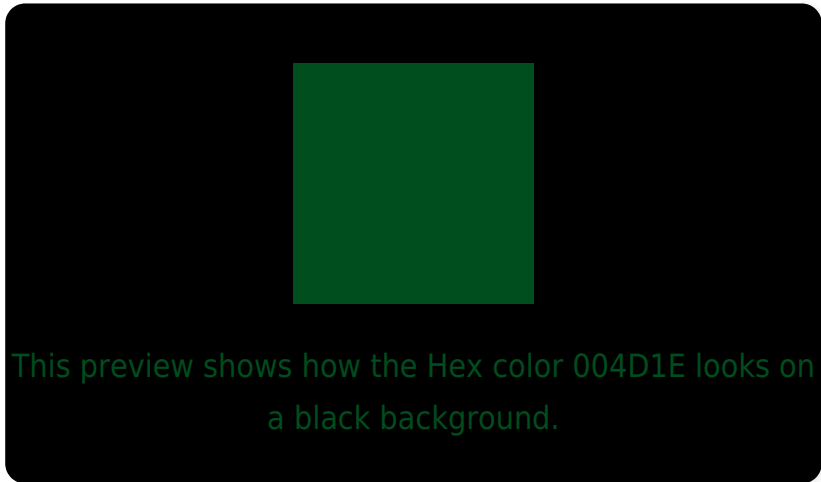
Large Text (above 18pt) WCAG AA ✓ Pass

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

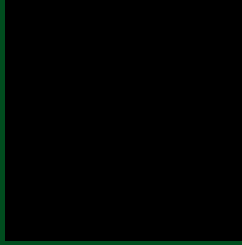
Any Text WCAG AA × Fail

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 004D1E Background



This preview shows how black text looks on a background with the Hex color 004D1E.



This preview shows how white text looks on a background with the Hex color 004D1E.

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](#).

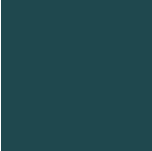
Dichromacy



Original Color
004D1E

Protanopia
4A21B

Deuteranopia
513F22



Tritanopia
1F484E

Trichromacy



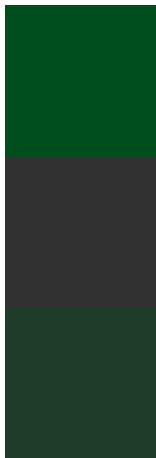
Original Color
004D1E

Protanomaly
2F461C

Deuteranomaly
344421

Tritanomaly
144A3D

Monochromacy



Original Color
004D1E

Achromatopsia
313131

Achromatomaly
1F3B2A

CSS Examples

Text

The CSS property to change the color of the text to Hex 004D1E 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 #004D1E looks like.

```
.text, #text, p{  
    color:#004D1E  
}
```

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 #004D1E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #004D1E
}
```

Border

The CSS property to change the border of an element to Hex 004D1E 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".

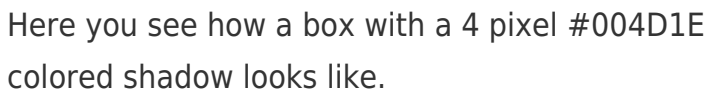
```
.border, #border, table{ border:4px solid
#004D1E }
```

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

```
.border{ border-color:#004D1E }
```

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

Here you see how a box with a 4 pixel #004D1E colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #004D1E; -webkit-box-shadow:4px 4px  
4px 4px #004D1E; box-shadow:4px 4px 4px  
4px #004D1E }
```

Background

The CSS property to change the background color of an element to Hex 004D1E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#004D1E }
```

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

```
.background{ background-color:#004D1E }
```

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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