

Converting Colors

Hex(004612)

Have a look what the booklet for
Hex(004612) contains.

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Color

Hex(004612)

Conversions

Conversions Part 1

Format	Color
Hex	004612
RGB	0, 70, 18
RGB Percent	0%, 27%, 7%
CMY	1.0000, 0.7255, 0.9294
CMYK	1.00, 0.00, 0.74, 0.73
HSL	135°, 100%, 14%
HSV	135°, 100%, 27%
XYZ	2.2993, 4.4240, 1.3050
YIQ	43.1420, -25.0280, -31.0120

Conversions

Conversions Part 2

Format	Color
RYB	0, 56, 70
Decimal	17938
CIELab	25.03, -32.23, 24.97
CIELCh	25, 40.768, 142.239
Yxy	4.4240, 0.2864, 0.5510
Android (android.graphics.Color)	4278208018 (0xFF004612)
YUV	43.1420, -12.3950, -37.8355
Hunter-Lab	21.0333, -17.2948, 11.0447

Details

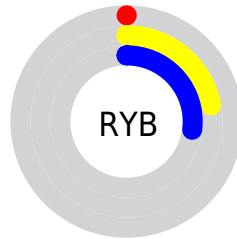
The Hex color **004612** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **460034**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **3B773F**, and **001A00** is the 20% darker color. If you saturate the color by 10%, you get **004612**, and if you desaturate by 10%, it is **074617**.

Distribution



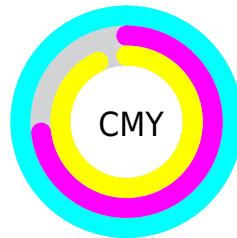
- Red (0%)
- Green (27%)
- Blue (7%)



- Red (0%)
- Yellow (22%)
- Blue (27%)



- Cyan (100%)
- Magenta (0%)
- Yellow (74%)
- Black (73%)



- Cyan (100%)
- Magenta (73%)
- Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 004612 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 004612 by changing the saturation by 10% instead.

 004612

 004612

 FAFFF8

 002F00

 3B773F

 001A00

 559157

 000000

 6FAC70

 89C889

 A5E4A4

 C0FFBF

 DDFFD8

 004612

■ 074617

■ 0E461C

■ 154622

■ 1C4627

■ 23462C

■ 2A4631

■ 314636

■ 38463C

■ 3F4641

Harmonies

Analogous

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



344100



004612



004932

Triad

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



004612



004279



711B26

Complementary

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



004612



460034

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.



6E1945



004612



273775

Square

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



004612



00476C



582762



652A08

Rectangle

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



004612



004948



582762



711830

Sweetspot

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



004612



405C47



354600



1D2E22



ADADAD



2E2E2E

Same Dimension

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



004612



005C18



004635



202421



00631A



00E33A

Inverse Universe

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



460034



5C0044



460012



242023



63004A



E300A9

Previews

White Background



This preview shows how the Hex color 004612 looks on a white background.

Color Contrast Check

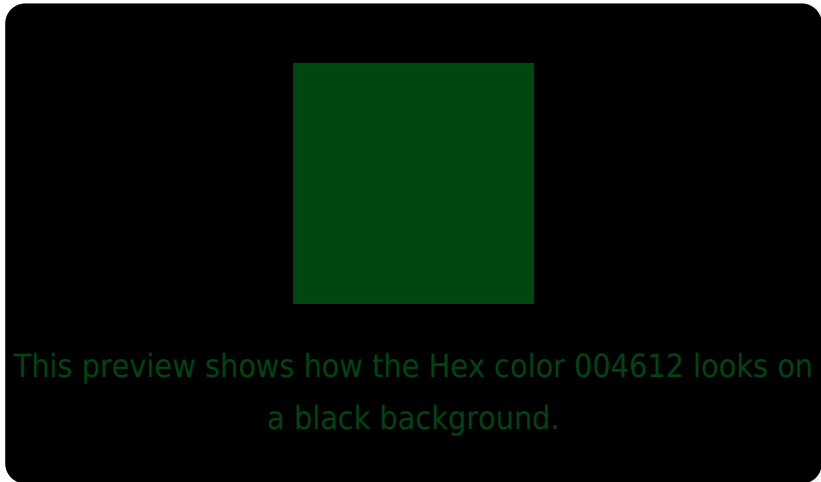
Large Text (above 18pt) WCAG AA ✓ Pass

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 004612 Background



This preview shows how black text looks on a background with the Hex color 004612.



This preview shows how white text looks on a background with the Hex color 004612.

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
004612

Protanopia
433C0F

Deuteranopia
4B3917



Tritanopia
1D4147

Trichromacy



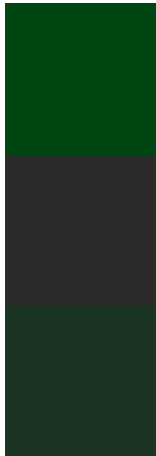
Original Color
004612

Protanomaly
2B4010

Deuteranomaly
303E15

Tritanomaly
124334

Monochromacy



Original Color
004612

Achromatopsia
2B2B2B

Achromatomaly
1B3522

CSS Examples

Text

The CSS property to change the color of the text to Hex 004612 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 #004612 looks like.

```
.text, #text, p{  
    color:#004612  
}
```

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 #004612 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #004612  
}
```

Border

The CSS property to change the border of an element to Hex 004612 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".

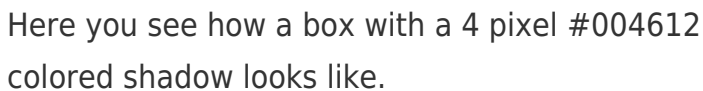
```
.border, #border, table{ border:4px solid  
#004612 }
```

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

```
.border{ border-color:#004612 }
```

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

Here you see how a box with a 4 pixel #004612 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #004612; -webkit-box-shadow:4px 4px  
4px 4px #004612; box-shadow:4px 4px 4px  
4px #004612 }
```

Background

The CSS property to change the background color of an element to Hex 004612 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#004612 }
```

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

```
.background{ background-color:#004612 }
```

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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