

Converting Colors

Hex(004412)

Have a look what the booklet for
Hex(004412) contains.

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Color

Hex(004412)

Conversions

Conversions Part 1

Format	Color
Hex	004412
RGB	0, 68, 18
RGB Percent	0%, 27%, 7%
CMY	1.0000, 0.7333, 0.9294
CMYK	1.00, 0.00, 0.74, 0.73
HSL	136°, 100%, 13%
HSV	136°, 100%, 27%
XYZ	2.1763, 4.1779, 1.2640
YIQ	41.9680, -24.4780, -29.9660

Conversions

Conversions Part 2

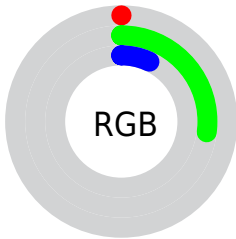
Format	Color
RYB	0, 54, 68
Decimal	17426
CIELab	24.25, -31.52, 24.11
CIELCh	24, 39.682, 142.579
Yxy	4.1779, 0.2857, 0.5484
Android (android.graphics.Color)	4278207506 (0xFF004412)
YUV	41.9680, -11.8162, -36.8059
Hunter-Lab	20.4400, -16.7645, 10.6415

Details

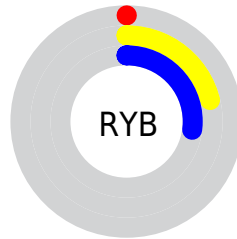
The Hex color **004412** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **440032**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **3A753F**, and **001700** is the 20% darker color. If you saturate the color by 10%, you get **004412**, and if you desaturate by 10%, it is **074417**.

Distribution



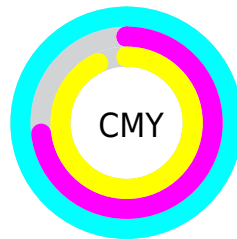
- Red (0%)
- Green (27%)
- Blue (7%)



- Red (0%)
- Yellow (21%)
- 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 004412 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 004412 by changing the saturation by 10% instead.

 004412

 004412

 F9FFF7

 002D00

 3A753F

 001700

 548F57

 000000

 6EAA6F

 88C589

 A3E1A4

 BFFEBF

 DCFADB

 004412

■ 074417

■ 0E441C

■ 144421

■ 1B4426

■ 22442B

■ 294430

■ 304435

■ 36443A

■ 3D443F

Harmonies

Analogous

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



323F00



004412



004631

Triad

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



004412



003F75



6D1B25

Complementary

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



004412



440032

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.



6A1942



004412



273571

Square

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



004412



004569



56265E



622908

Rectangle

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



004412



004746



56265E



6E182E

Sweetspot

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



004412



3E5946



334400



1D2E22



ADADAD



2E2E2E

Same Dimension

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



004412



005918



004433



1E211F



00611A



00E03B

Inverse Universe

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



440032



590042



440011



211E20



610047



E000A5

Previews

White Background



This preview shows how the Hex color 004412 looks on a white background.

Color Contrast Check

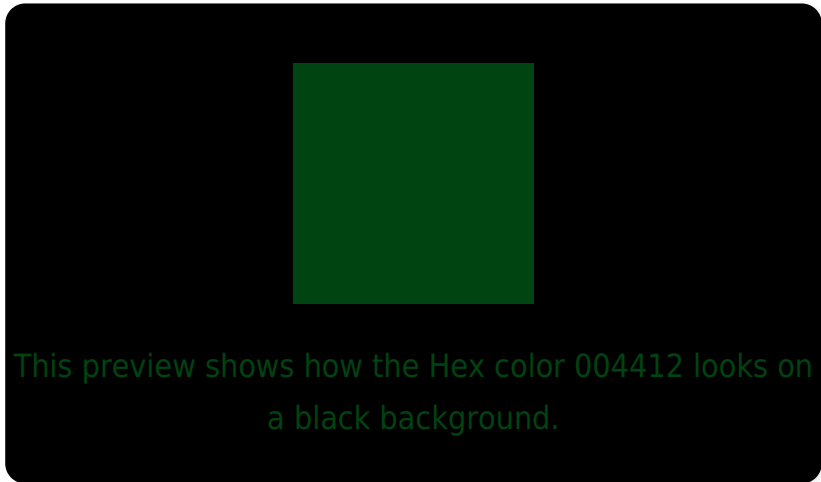
Large Text (above 18pt) WCAG AA ✓ Pass

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

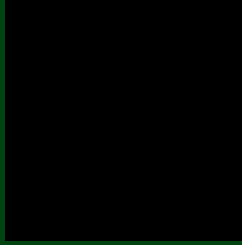
Any Text WCAG AA × Fail

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 004412 Background



This preview shows how black text looks on a background with the Hex color 004412.



This preview shows how white text looks on a background with the Hex color 004412.

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
004412

Protanopia
413A10

Deuteranopia
483717



Tritanopia
1C3F45

Trichromacy



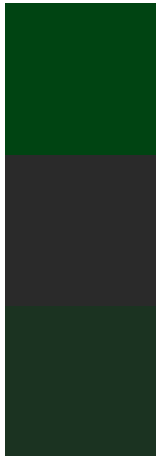
Original Color
004412

Protanomaly
293E11

Deuteranomaly
2E3C15

Tritanomaly
124132

Monochromacy



Original Color
004412

Achromatopsia
2A2A2A

Achromatomaly
1B3321

CSS Examples

Text

The CSS property to change the color of the text to Hex 004412 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 #004412 looks like.

```
.text, #text, p{  
    color:#004412  
}
```

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 #004412 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #004412
}
```

Border

The CSS property to change the border of an element to Hex 004412 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
#004412 }
```

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

```
.border{ border-color:#004412 }
```

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

Here you see how a box with a 4 pixel #004412 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #004412; -webkit-box-shadow:4px 4px  
4px 4px #004412; box-shadow:4px 4px 4px  
4px #004412 }
```

Background

The CSS property to change the background color of an element to Hex 004412 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#004412 }
```

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

```
.background{ background-color:#004412 }
```

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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