

Converting Colors

Hex(004614)

Have a look what the booklet for
Hex(004614) contains.

Hex(004614)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(004614)

Conversions

Conversions Part 1

Format	Color
Hex	004614
RGB	0, 70, 20
RGB Percent	0%, 27%, 8%
CMY	1.0000, 0.7255, 0.9216
CMYK	1.00, 0.00, 0.71, 0.73
HSL	137°, 100%, 14%
HSV	137°, 100%, 27%
XYZ	2.3164, 4.4308, 1.3950
YIQ	43.3700, -25.6700, -30.3900

Conversions

Conversions Part 2

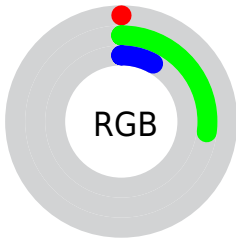
Format	Color
RYB	0, 54, 70
Decimal	17940
CIELab	25.05, -31.96, 23.97
CIELCh	25, 39.955, 143.130
Yxy	4.4308, 0.2845, 0.5442
Android (android.graphics.Color)	4278208020 (0xFF004614)
YUV	43.3700, -11.5214, -38.0355
Hunter-Lab	21.0495, -17.1934, 10.8055

Details

The Hex color **004614** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **460032**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **3B7741**, and **001A00** is the 20% darker color. If you saturate the color by 10%, you get **004614**, and if you desaturate by 10%, it is **074619**.

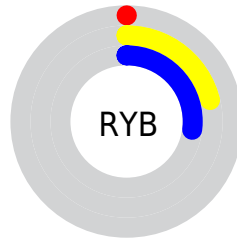
Distribution



Red (0%)

Green (27%)

Blue (8%)



Red (0%)

Yellow (21%)

Blue (27%)

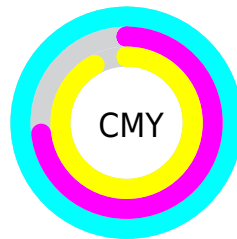


Cyan (100%)

Magenta (0%)

Yellow (71%)

Black (73%)



Cyan (100%)

Magenta (73%)


Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color 004614 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 004614 by changing the saturation by 10% instead.

 004614

 004614

 FAFFFA

 002F00

 3B7741

 001A00

 559159

 000000

 6FAC72

 89C88B

 A4E4A6

 C0FFC1

 DDFD

 004614

■ 074619

■ 0E461E

■ 154623

■ 1C4628

■ 23462D

■ 2A4632

■ 314637

■ 38463C

■ 3F4641

Harmonies

Analogous

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



334100



004614



004833

Triad

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



004614



004178



701D26

Complementary

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



004614



460032

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.



6D1B44



004614



2B3673

Square

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



004614



00476B



592860



642B09

Rectangle

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



004614



004948



592860



711A30

Sweetspot

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



004614



405C48



324600



1D2E22



ADADAD



2E2E2E

Same Dimension

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



004614



005C1A



004637



202421



00631C



00E341

Inverse Universe

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



460032



5C0042



46000F



242023



630047



E300A2

Previews

White Background



This preview shows how the Hex color 004614 looks on a white background.

Color Contrast Check

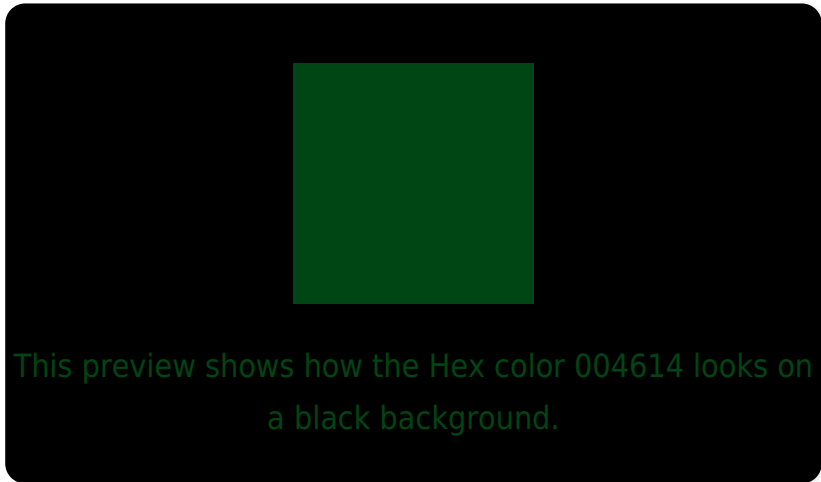
Large Text (above 18pt) WCAG AA ✓ Pass

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

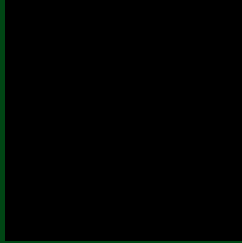
Any Text WCAG AA × Fail

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 004614 Background



This preview shows how black text looks on a background with the Hex color 004614.



This preview shows how white text looks on a background with the Hex color 004614.

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
004614

Protanopia
433C11

Deuteranopia
4A3919



Tritanopia
1D4147

Trichromacy



Original Color
00614

Protanomaly
2B4012

Deuteranomaly
2F3E17

Tritanomaly
124334

Monochromacy



Original Color
00614

Achromatopsia
2B2B2B

Achromatomaly
1B3523

CSS Examples

Text

The CSS property to change the color of the text to Hex 004614 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 #004614 looks like.

```
.text, #text, p{  
    color:#004614  
}
```

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 #004614 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #004614
}
```

Border

The CSS property to change the border of an element to Hex 004614 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
#004614 }
```

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

```
.border{ border-color:#004614 }
```

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

Here you see how a box with a 4 pixel #004614 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #004614; -webkit-box-shadow:4px 4px  
4px 4px #004614; box-shadow:4px 4px 4px  
4px #004614 }
```

Background

The CSS property to change the background color of an element to Hex 004614 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#004614 }
```

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

```
.background{ background-color:#004614 }
```

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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