

Converting Colors

Hex(014412)

Have a look what the booklet for
Hex(014412) contains.

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Color

Hex(014412)

Conversions

Conversions Part 1

Format	Color
Hex	014412
RGB	1, 68, 18
RGB Percent	0%, 27%, 7%
CMY	0.9961, 0.7333, 0.9294
CMYK	0.99, 0.00, 0.74, 0.73
HSL	135°, 97%, 14%
HSV	135°, 99%, 27%
XYZ	2.1888, 4.1844, 1.2646
YIQ	42.2670, -23.8820, -29.7540

Conversions

Conversions Part 2

Format	Color
RYB	1, 54, 68
Decimal	82962
CIELab	24.27, -31.33, 24.14
CIELCh	24, 39.555, 142.386
Yxy	4.1844, 0.2866, 0.5479
Android (android.graphics.Color)	4278273042 (0xFF014412)
YUV	42.2670, -11.9636, -36.1912
Hunter-Lab	20.4557, -16.6975, 10.6537

Details

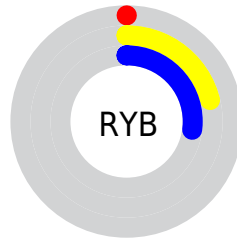
The Hex color **014412** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **440133**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **3B753F**, and **001800** is the 20% darker color. If you saturate the color by 10%, you get **004411**, and if you desaturate by 10%, it is **084417**.

Distribution



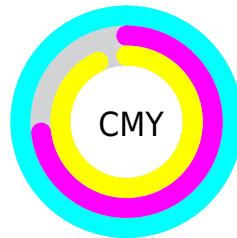
- Red (0%)
- Green (27%)
- Blue (7%)



- Red (0%)
- Yellow (21%)
- Blue (27%)



- Cyan (99%)
- Magenta (0%)
- Yellow (74%)
- Black (73%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 014412 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 014412 by changing the saturation by 10% instead.

 014412

 014412

 F9FFF7

 002D00

 3B753F

 001800

 558F57

 000000


 6EAA6F

 89C589

 A4E1A4

 C0FEBF

 DCFADB

 014412

 014412

■ 004411

■ 084417

■ 0F441C

■ 154421

■ 1C4426

■ 23442B

■ 2A4430

■ 314436

■ 37443B

■ 3E4440

Harmonies

Analogous

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



323F00



014412



004631

Triad

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



014412



004075



6D1B25

Complementary

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



014412



440133

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.



6A1943



014412



273571

Square

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



014412



004569



56265E



622908

Rectangle

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



014412



004746



56265E



6E182F

Sweetspot

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



014412



3E5945



334401



1D2E22



ADADAD



2E2E2E

Same Dimension

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



014412



005917



014433



1E211F



006119



00E039

Inverse Universe

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



440133



590043



440112



211E20



610048



E000A7

Previews

White Background



This preview shows how the Hex color 014412 looks on a white background.

Color Contrast Check

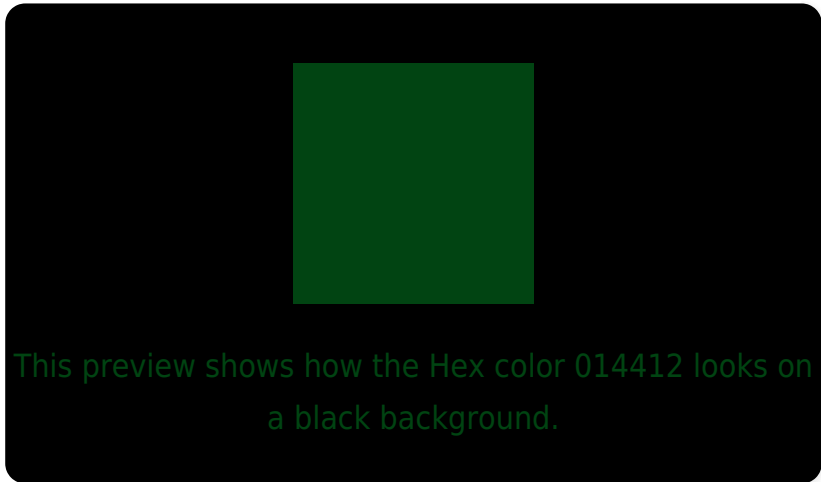
Large Text (above 18pt) WCAG AA ✓ Pass

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

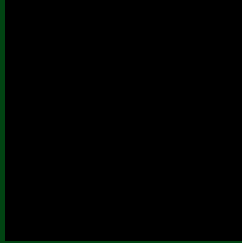
Any Text WCAG AA × Fail

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 014412 Background



This preview shows how black text looks on a background with the Hex color 014412.



This preview shows how white text looks on a background with the Hex color 014412.

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
014412

Protanopia
413A10

Deuteranopia
483717



Tritanopia
1C3F45

Trichromacy



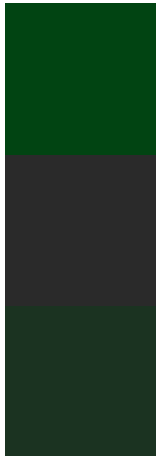
Original Color
014412

Protanomaly
2A3E11

Deuteranomaly
2E3C15

Tritanomaly
124132

Monochromacy



Original Color
014412

Achromatopsia
2A2A2A

Achromatomaly
1B3321

CSS Examples

Text

The CSS property to change the color of the text to Hex 014412 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 #014412 looks like.

```
.text, #text, p{  
  color:#014412  
}
```

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 #014412 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #014412
}
```

Border

The CSS property to change the border of an element to Hex 014412 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
#014412 }
```

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

```
.border{ border-color:#014412 }
```

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

Here you see how a box with a 4 pixel #014412 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #014412; -webkit-box-shadow:4px 4px  
4px 4px #014412; box-shadow:4px 4px 4px  
4px #014412 }
```

Background

The CSS property to change the background color of an element to Hex 014412 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#014412 }
```

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

```
.background{ background-color:#014412 }
```

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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