

Converting Colors

Hex(004610)

Have a look what the booklet for
Hex(004610) contains.

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Color

Hex(004610)

Conversions

Conversions Part 1

Format	Color
Hex	004610
RGB	0, 70, 16
RGB Percent	0%, 27%, 6%
CMY	1.0000, 0.7255, 0.9373
CMYK	1.00, 0.00, 0.77, 0.73
HSL	134°, 100%, 14%
HSV	134°, 100%, 27%
XYZ	2.2837, 4.4177, 1.2226
YIQ	42.9140, -24.3860, -31.6340

Conversions

Conversions Part 2

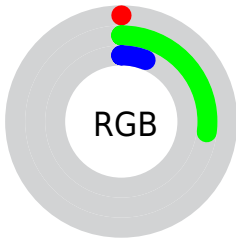
Format	Color
RYB	0, 57, 70
Decimal	17936
CIELab	25.01, -32.48, 25.92
CIELCh	25, 41.549, 141.409
Yxy	4.4177, 0.2882, 0.5575
Android (android.graphics.Color)	4278208016 (0xFF004610)
YUV	42.9140, -13.2686, -37.6356
Hunter-Lab	21.0184, -17.3878, 11.2642

Details

The Hex color **004610** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **460036**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **3B773D**, and **001A00** is the 20% darker color. If you saturate the color by 10%, you get **004610**, and if you desaturate by 10%, it is **074615**.

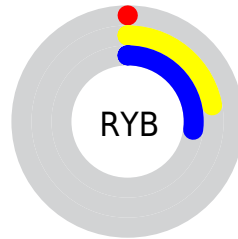
Distribution



Red (0%)

Green (27%)

Blue (6%)



Red (0%)

Yellow (22%)

Blue (27%)

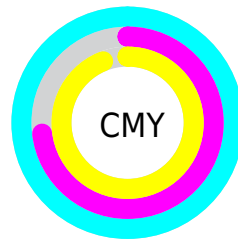


Cyan (100%)

Magenta (0%)

Yellow (77%)

Black (73%)



Cyan (100%)

Magenta (73%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color 004610 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 004610 by changing the saturation by 10% instead.

 004610

 004610

 FAFFF6

 002F00

 3B773D

 001A00

 559155

 000000

 6FAC6E

 8AC888

 A5E4A2

 C1FFBD

 DDFFD9

 004610

■ 074615

■ 0E461B

■ 154620

■ 1C4626

■ 23462B

■ 2A4630

■ 314636

■ 38463B

■ 3F4641

Harmonies

Analogous

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



344000



004610



004931

Triad

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



004610



00427A



721A27

Complementary

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



004610



460036

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.



6E1846



004610



243776

Square

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



004610



00476C



582763



662908

Rectangle

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



004610



004947



582763



721731

Sweetspot

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



004610



405C47



374600



1D2E21



ADADAD



2E2E2E

Same Dimension

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



004610



005C15



004632



202421



006317



00E334

Inverse Universe

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



460036



5C0047



460014



242023



63004D



E300AF

Previews

White Background



This preview shows how the Hex color 004610 looks on a white background.

Color Contrast Check

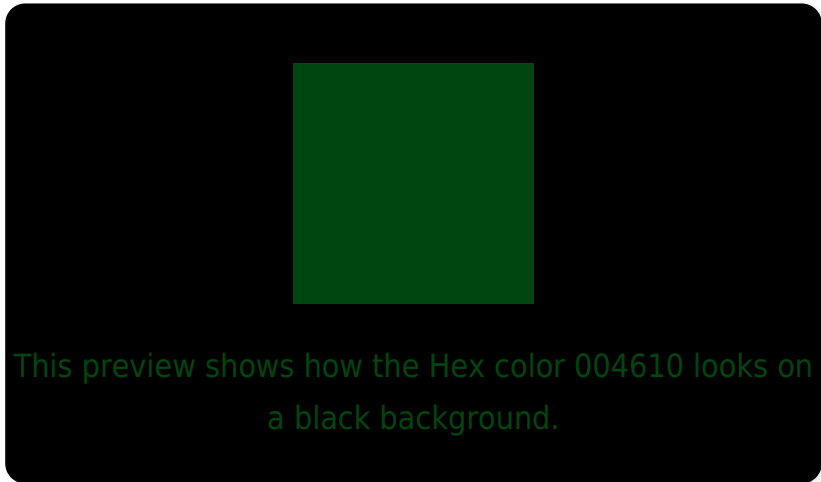
Large Text (above 18pt) WCAG AA ✓ Pass

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

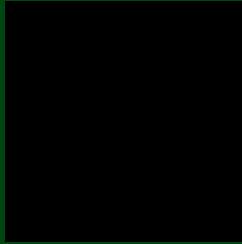
Any Text WCAG AA × Fail

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 004610 Background



This preview shows how black text looks on a background with the Hex color 004610.



This preview shows how white text looks on a background with the Hex color 004610.

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
004610

Protanopia
433C0D

Deuteranopia
4B3916



Tritanopia
1D4147

Trichromacy



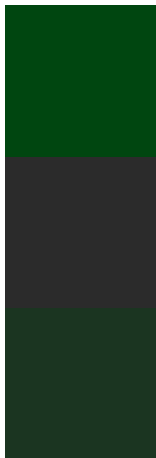
Original Color
004610

Protanomaly
2B400E

Deuteranomaly
303E14

Tritanomaly
124333

Monochromacy



Original Color
004610

Achromatopsia
2B2B2B

Achromatomaly
1B3521

CSS Examples

Text

The CSS property to change the color of the text to Hex 004610 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 #004610 looks like.

```
.text, #text, p{  
    color:#004610  
}
```

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 #004610 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #004610
}
```

Border

The CSS property to change the border of an element to Hex 004610 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
#004610 }
```

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

```
.border{ border-color:#004610 }
```

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

Here you see how a box with a 4 pixel #004610 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #004610; -webkit-box-shadow:4px 4px  
4px 4px #004610; box-shadow:4px 4px 4px  
4px #004610 }
```

Background

The CSS property to change the background color of an element to Hex 004610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#004610 }
```

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

```
.background{ background-color:#004610 }
```

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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