

Converting Colors

Hex(004601)

Have a look what the booklet for
Hex(004601) contains.

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Color

Hex(004601)

Conversions

Conversions Part 1

Format	Color
Hex	004601
RGB	0, 70, 1
RGB Percent	0%, 27%, 0%
CMY	1.0000, 0.7255, 0.9961
CMYK	1.00, 0.00, 0.99, 0.73
HSL	121°, 100%, 14%
HSV	121°, 100%, 27%
XYZ	2.1956, 4.3825, 0.7589
YIQ	41.2040, -19.5710, -36.2990

Conversions

Conversions Part 2

Format	Color
RYB	0, 69, 70
Decimal	17921
CIELab	24.90, -33.88, 32.07
CIELCh	25, 46.655, 136.573
Yxy	4.3825, 0.2993, 0.5973
Android (android.graphics.Color)	4278208001 (0xFF004601)
YUV	41.2040, -19.8206, -36.1359
Hunter-Lab	20.9344, -17.9139, 12.5048

Details

The Hex color **004601** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **460045**, and the grayscale version is **292929**.

A 20% lighter version of the original color is **3C7732**, and **001A00** is the 20% darker color. If you saturate the color by 10%, you get **004601**, and if you desaturate by 10%, it is **074608**.

Distribution



Red (0%)

Green (27%)

Blue (0%)



Red (0%)

Yellow (27%)

Blue (27%)



Cyan (100%)

Magenta (0%)

Yellow (99%)

Black (73%)



Cyan (100%)

Magenta (73%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 004601 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 004601 by changing the saturation by 10% instead.

 004601

 004601

 FCFFE9

 002F00

 3C7732

 001A00

 569149

 000000

 70AC62

 8BC87C

 A6E496

 C2FFB1

 DFFLCD

 004601

 074608

 0E460F

 154616

 1C461D

 234624

 2A462A

 314631

 384638

 3F463F

Harmonies

Analogous

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



383F00



004601



004929

Triad

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



004601



004480



770C29

Complementary

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



004601



460045

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.



71104C



004601



003980

Square

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



004601



00496E



54276C



6D2205

Rectangle

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



004601



004A42



54276C



770835

Sweetspot

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



004601



405C41



464600



1D2E1E



ADADAD



2E2E2E

Same Dimension

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



004601



005C01



004623



202420



006301



00E303

Inverse Universe

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



460045



5C005A



460023



242024



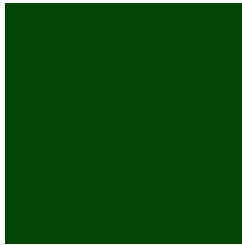
630062



E300E0

Previews

White Background



This preview shows how the Hex color 004601 looks on a white background.

Color Contrast Check

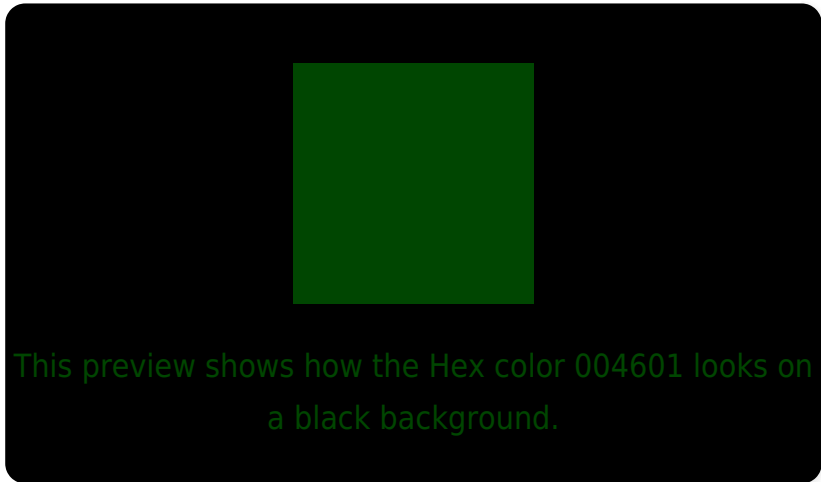
Large Text (above 18pt) WCAG AA ✓ Pass

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

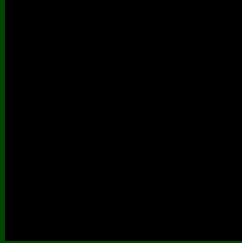
Any Text WCAG AA × Fail

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 004601 Background



This preview shows how black text looks on a background with the Hex color 004601.



This preview shows how white text looks on a background with the Hex color 004601.

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
004601

Protanopia
433C00

Deuteranopia
4B390F



Tritanopia
1D4146

Trichromacy



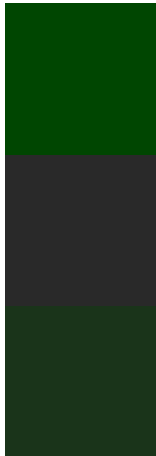
Original Color
004601

Protanomaly
2B4000

Deuteranomaly
303E0A

Tritanomaly
12432D

Monochromacy



Original Color
004601

Achromatopsia
292929

Achromatomaly
1A341A

CSS Examples

Text

The CSS property to change the color of the text to Hex 004601 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 #004601 looks like.

```
.text, #text, p{  
    color:#004601  
}
```

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 #004601 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #004601
}
```

Border

The CSS property to change the border of an element to Hex 004601 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
#004601 }
```

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

```
.border{ border-color:#004601 }
```

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

Here you see how a box with a 4 pixel #004601 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #004601; -webkit-box-shadow:4px 4px  
4px 4px #004601; box-shadow:4px 4px 4px  
4px #004601 }
```

Background

The CSS property to change the background color of an element to Hex 004601 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#004601 }
```

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

```
.background{ background-color:#004601 }
```

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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