

Converting Colors

Hex(004300)

Have a look what the booklet for
Hex(004300) contains.

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Color

Hex(004300)

Conversions

Conversions Part 1

Format	Color
Hex	004300
RGB	0, 67, 0
RGB Percent	0%, 26%, 0%
CMY	1.0000, 0.7373, 1.0000
CMYK	1.00, 0.00, 1.00, 0.74
HSL	120°, 100%, 13%
HSV	120°, 100%, 26%
XYZ	2.0072, 4.0143, 0.6691
YIQ	39.3290, -18.4250, -35.0410

Conversions

Conversions Part 2

Format	Color
RYB	0, 67, 67
Decimal	17152
CIELab	23.72, -33.00, 31.32
CIELCh	24, 45.498, 136.491
Yxy	4.0143, 0.3000, 0.6000
Android (android.graphics.Color)	4278207232 (0xFF004300)
YUV	39.3290, -19.3892, -34.4915
Hunter-Lab	20.0357, -17.1806, 12.0452

Details

The Hex color **004300** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **430043**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **3B7430**, and **001500** is the 20% darker color. If you saturate the color by 10%, you get **004300**, and if you desaturate by 10%, it is **074307**.

Distribution



- Red (0%)
- Green (26%)
- Blue (0%)



- Red (0%)
- Yellow (26%)
- Blue (26%)



- Cyan (100%)
- Magenta (0%)
- Yellow (100%)
- Black (74%)



- Cyan (100%)
- Magenta (74%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 004300 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 004300 by changing the saturation by 10% instead.

 004300

 004300

 FAFFE7

 002C00

 3B7430

 001500

 558E48

 000000

 6FA961

 89C47A

 A5E094

 C1FDAF

 DDFFCB

 004300

■ 074307

■ 0D430D

■ 144314

■ 1B431B

■ 224322

■ 284328

■ 2F432F

■ 364336

■ 3C433C

Harmonies

Analogous

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



353D00



004300



004627

Triad

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



004300



00417B



730B27

Complementary

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



004300



430043

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.



6C0E49



004300



00367B

Square

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



004300



00466A



502568



692004

Rectangle

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



004300



00473F



502568



730733

Sweetspot

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



004300



3D573D



434300



1C2B1C



ABABAB



2B2B2B

Same Dimension

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



004300



005700



004322



1E211E



006100



00E000

Inverse Universe

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



430043



570057



430022



211E21



610061



E000E0

Previews

White Background



This preview shows how the Hex color 004300 looks on a white background.

Color Contrast Check

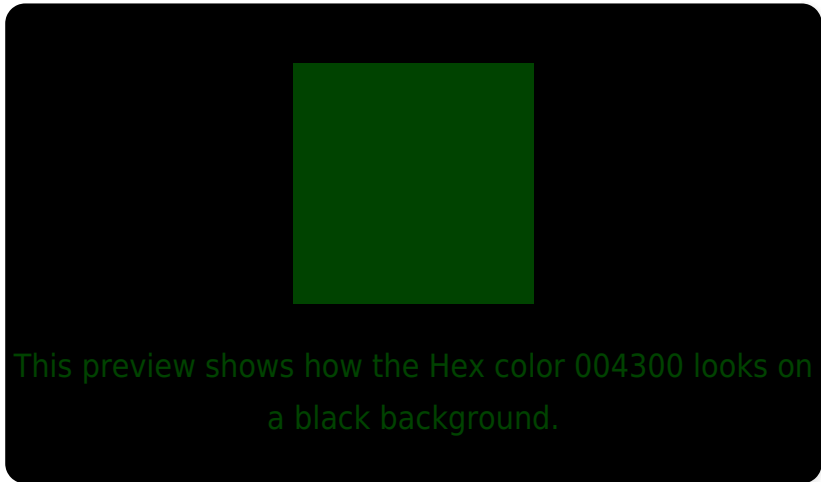
Large Text (above 18pt) WCAG AA ✓ Pass

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

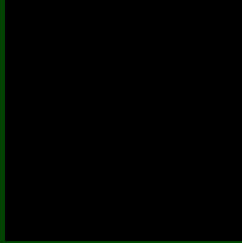
Any Text WCAG AA × Fail

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 004300 Background



This preview shows how black text looks on a background with the Hex color 004300.



This preview shows how white text looks on a background with the Hex color 004300.

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
004300

Protanopia
413900

Deuteranopia
48360F



Tritanopia
1C3E43

Trichromacy



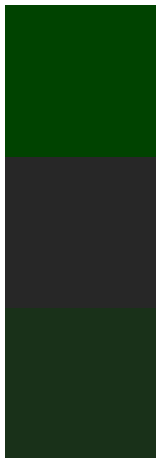
Original Color
004300

Protanomaly
293D00

Deuteranomaly
2E3B0A

Tritanomaly
12402B

Monochromacy



Original Color
004300

Achromatopsia
272727

Achromatomaly
193119

CSS Examples

Text

The CSS property to change the color of the text to Hex 004300 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 #004300 looks like.

```
.text, #text, p{  
    color:#004300  
}
```

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 #004300 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #004300
}
```

Border

The CSS property to change the border of an element to Hex 004300 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
#004300 }
```

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

```
.border{ border-color:#004300 }
```

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

Here you see how a box with a 4 pixel #004300 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #004300; -webkit-box-shadow:4px 4px  
4px 4px #004300; box-shadow:4px 4px 4px  
4px #004300 }
```

Background

The CSS property to change the background color of an element to Hex 004300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#004300 }
```

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

```
.background{ background-color:#004300 }
```

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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