

Converting Colors

Hex(044600)

Have a look what the booklet for
Hex(044600) contains.

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Color

Hex(044600)

Conversions

Conversions Part 1

Format	Color
Hex	044600
RGB	4, 70, 0
RGB Percent	2%, 27%, 0%
CMY	0.9843, 0.7255, 1.0000
CMYK	0.94, 0.00, 1.00, 0.73
HSL	117°, 100%, 14%
HSV	117°, 100%, 27%
XYZ	2.2402, 4.4061, 0.7324
YIQ	42.2860, -16.8660, -35.7620

Conversions

Conversions Part 2

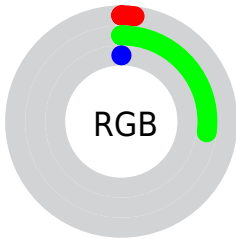
Format	Color
RYB	0, 70, 66
Decimal	280064
CIELab	24.97, -33.24, 32.58
CIELCh	25, 46.544, 135.578
Yxy	4.4061, 0.3036, 0.5971
Android (android.graphics.Color)	4278470144 (0xFF044600)
YUV	42.2860, -20.8470, -33.5768
Hunter-Lab	20.9908, -17.6836, 12.6248

Details

The Hex color **044600** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **420046**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **3F7731**, and **001A00** is the 20% darker color. If you saturate the color by 10%, you get **044600**, and if you desaturate by 10%, it is **0B4607**.

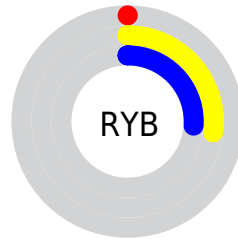
Distribution



Red (2%)

Green (27%)

Blue (0%)



Red (0%)

Yellow (27%)

Blue (26%)

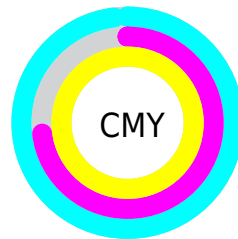


Cyan (94%)

Magenta (0%)

Yellow (100%)

Black (73%)



Cyan (98%)

Magenta (73%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 044600 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 044600 by changing the saturation by 10% instead.

 044600

 044600

 FEFFE8

 002F00

 3F7731

 001A00

 589149

 000000

 72AC61

 8DC87B

 A9E495

 C5FFB0

 E1FFCC

 044600

■ 0B4607

■ 11460E

■ 184615

■ 1E461C

■ 254623

■ 2C462A

■ 324631

■ 394638

■ 3F463F

Harmonies

Analogous

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



393F00



044600



004928

Triad

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



044600



004480



780C2B

Complementary

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



044600



420046

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.



70114E



044600



003980

Square

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



044600



00496D



52286D



6D2107

Rectangle

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



044600



004A41



52286D



770936

Sweetspot

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



044600



425C40



464100



1E2E1D



ADADAD



2E2E2E

Same Dimension

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



044600



055C00



00461E



202420



066300



0DE300

Inverse Universe

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



420046



57005C



460028



232024



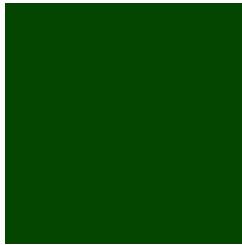
5E0063



D600E3

Previews

White Background



This preview shows how the Hex color 044600 looks on a white background.

Color Contrast Check

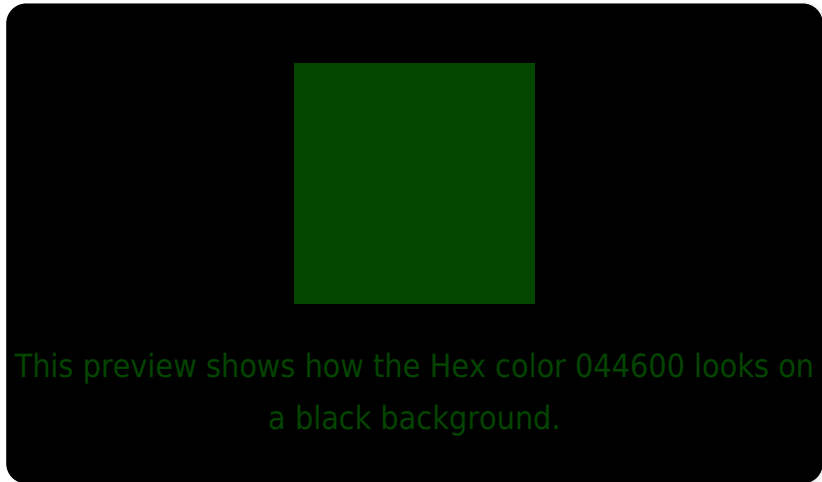
Large Text (above 18pt) WCAG AA ✓ Pass

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

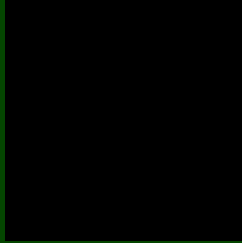
Any Text WCAG AA × Fail

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 044600 Background



This preview shows how black text looks on a background with the Hex color 044600.



This preview shows how white text looks on a background with the Hex color 044600.

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](#).

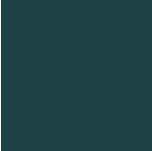
Dichromacy



Original Color
044600

Protanopia
433C00

Deuteranopia
4B390F



Tritanopia
1E4146

Trichromacy



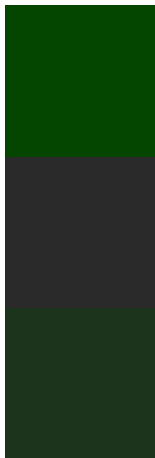
Original Color
044600

Protanomaly
2C4000

Deuteranomaly
313E0A

Tritanomaly
15432D

Monochromacy



Original Color
044600

Achromatopsia
2A2A2A

Achromatomaly
1C341B

CSS Examples

Text

The CSS property to change the color of the text to Hex 044600 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 #044600 looks like.

```
.text, #text, p{  
    color:#044600  
}
```

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 #044600 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #044600
}
```

Border

The CSS property to change the border of an element to Hex 044600 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".

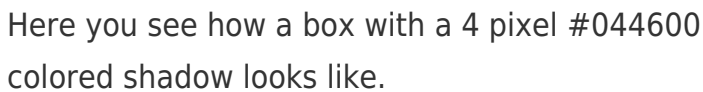
```
.border, #border, table{ border:4px solid
#044600 }
```

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

```
.border{ border-color:#044600 }
```

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

Here you see how a box with a 4 pixel #044600 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #044600; -webkit-box-shadow:4px 4px  
4px 4px #044600; box-shadow:4px 4px 4px  
4px #044600 }
```

Background

The CSS property to change the background color of an element to Hex 044600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#044600 }
```

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

```
.background{ background-color:#044600 }
```

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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