

Converting Colors

Hex(044400)

Have a look what the booklet for
Hex(044400) contains.

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Color

Hex(044400)

Conversions

Conversions Part 1

Format	Color
Hex	044400
RGB	4, 68, 0
RGB Percent	2%, 27%, 0%
CMY	0.9843, 0.7333, 1.0000
CMYK	0.94, 0.00, 1.00, 0.73
HSL	116°, 100%, 13%
HSV	116°, 100%, 27%
XYZ	2.1172, 4.1601, 0.6914
YIQ	41.1120, -16.3160, -34.7160

Conversions

Conversions Part 2

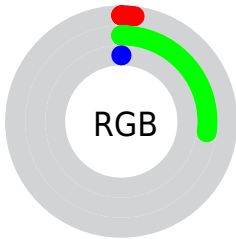
Format	Color
RYB	0, 68, 64
Decimal	279552
CIELab	24.19, -32.56, 31.82
CIELCh	24, 45.533, 135.659
Yxy	4.1601, 0.3038, 0.5970
Android (android.graphics.Color)	4278469632 (0xFF044400)
YUV	41.1120, -20.2682, -32.5472
Hunter-Lab	20.3962, -17.1645, 12.2676

Details

The Hex color **044400** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **400044**, and the grayscale version is **292929**.

A 20% lighter version of the original color is **3E7530**, and **001700** is the 20% darker color. If you saturate the color by 10%, you get **044400**, and if you desaturate by 10%, it is **0A4407**.

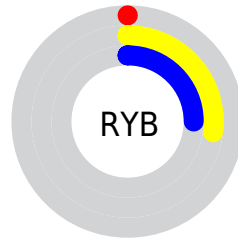
Distribution



Red (2%)

Green (27%)

Blue (0%)



Red (0%)

Yellow (27%)

Blue (25%)

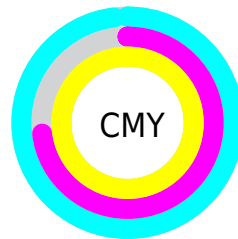


Cyan (94%)

Magenta (0%)

Yellow (100%)

Black (73%)



Cyan (98%)

Magenta (73%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 044400 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 044400 by changing the saturation by 10% instead.

 044400

 044400

 FDFFE7

 002D00

 3E7530

 001700

 578F48

 000000

 71AA61

 8CC57A

 A7E194

 C3FEAF

 E0FFCB

 044400

■ 0A4407

■ 11440E

■ 174414

■ 1E441B

■ 244422

■ 2A4429

■ 314430

■ 374436

■ 3E443D

Harmonies

Analogous

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



373D00



044400



004727

Triad

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



044400



00427C



740C29

Complementary

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



044400



400044

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.



6D104B



044400



00387C

Square

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



044400



00476A



50266A



6A2006

Rectangle

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



044400



00483F



50266A



740935

Sweetspot

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



044400



40593E



443F00



1E2E1D



ADADAD



2E2E2E

Same Dimension

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



044400



055900



00441D



1E211E



066100



0DE000

Inverse Universe

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



400044



540059



440027



211E21



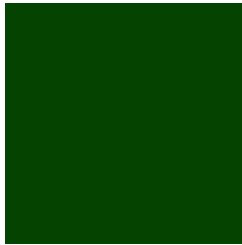
5B0061



D300E0

Previews

White Background



This preview shows how the Hex color 044400 looks on a white background.

Color Contrast Check

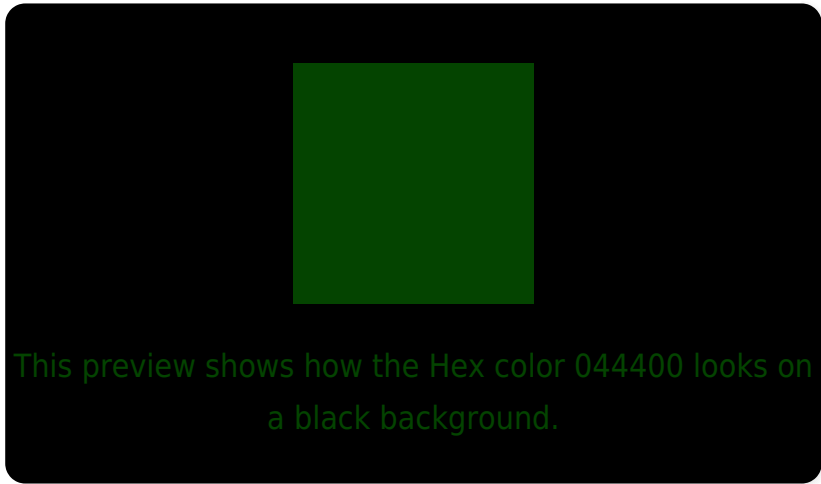
Large Text (above 18pt) WCAG AA ✓ Pass

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

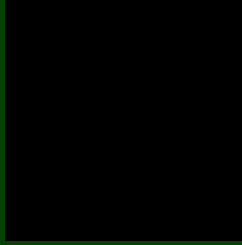
Any Text WCAG AA × Fail

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 044400 Background



This preview shows how black text looks on a background with the Hex color 044400.



This preview shows how white text looks on a background with the Hex color 044400.

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
044400

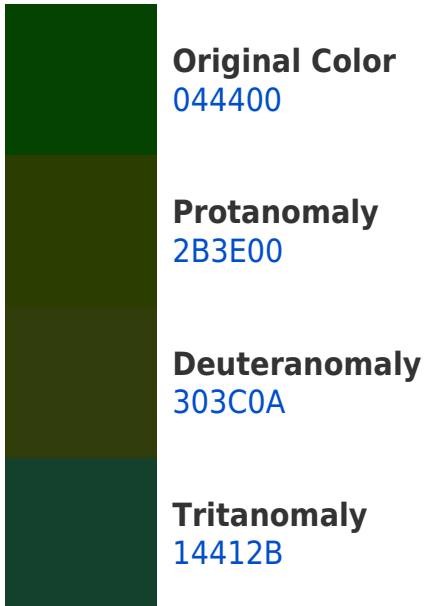
Protanopia
423A00

Deuteranopia
49370F

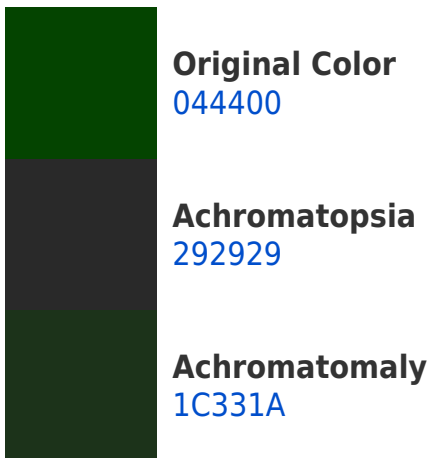


Tritanopia
1D3F44

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 044400 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 #044400 looks like.

```
.text, #text, p{  
    color:#044400  
}
```

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 #044400 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #044400
}
```

Border

The CSS property to change the border of an element to Hex 044400 is called "border". The border property can be set on classes, ids or directly on the HTML element.

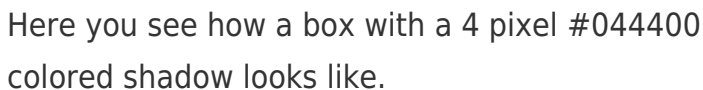
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#044400 }
```

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

```
.border{ border-color:#044400 }
```

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



Here you see how a box with a 4 pixel #044400 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #044400; -webkit-box-shadow:4px 4px  
4px 4px #044400; box-shadow:4px 4px 4px  
4px #044400 }
```

Background

The CSS property to change the background color of an element to Hex 044400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#044400 }
```

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

```
.background{ background-color:#044400 }
```

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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