

Converting Colors

Hex(444300)

Have a look what the booklet for
Hex(444300) contains.

Hex(444300)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(444300)

Conversions

Conversions Part 1

Format	Color
Hex	444300
RGB	68, 67, 0
RGB Percent	27%, 26%, 0%
CMY	0.7333, 0.7373, 1.0000
CMYK	0.00, 0.01, 1.00, 0.73
HSL	59°, 100%, 13%
HSV	59°, 100%, 27%
XYZ	4.3911, 5.2433, 0.7806
YIQ	59.6610, 22.1030, -20.6250

Conversions

Conversions Part 2

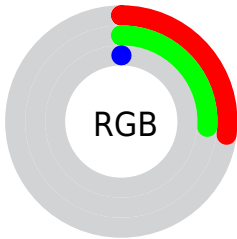
Format	Color
R_{YB}	1, 68, 0
Decimal	4473600
CIE Lab	27.42, -7.73, 36.10
CIE LCh	27, 36.923, 102.087
Yxy	5.2433, 0.4216, 0.5034
Android (android.graphics.Color)	4282663680 (0xFF444300)
YUV	59.6610, -29.4129, 7.3133
Hunter-Lab	22.8982, -5.8418, 14.0075

Details

The Hex color **444300** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **000144**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **777331**, and **131900** is the 20% darker color. If you saturate the color by 10%, you get **444300**, and if you desaturate by 10%, it is **444307**.

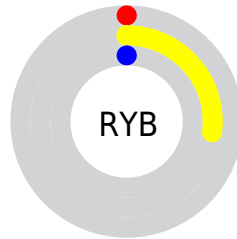
Distribution



Red (27%)

Green (26%)

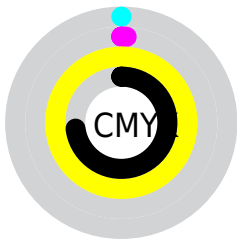
Blue (0%)



Red (0%)

Yellow (27%)

Blue (0%)

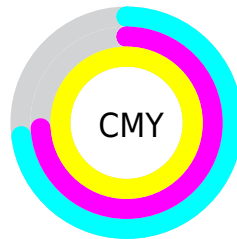


Cyan (0%)

Magenta (1%)

Yellow (100%)

Black (73%)



Cyan (73%)

Magenta (74%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 444300 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 444300 by changing the saturation by 10% instead.

 444300

 444300

 FFFFE9

 2C2D00

 777331

 131900

 918C49

 000000

 ADA662

 C9C27C

 E5DD96

 FFFAB1

 FFFFCD

 444300

■ 444307

■ 44430E

■ 444314

■ 44431B

■ 444422

■ 444429

■ 444430

■ 444436

■ 44443D

Harmonies

Analogous

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



5C3905



444300



244913

Triad

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



444300



004D66



6B2853

Complementary

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



444300



000144

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.



51346B



444300



004977

Square

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



444300



004E4C



184078



732536

Rectangle

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



444300



004C25



184078



642B5C

Sweetspot

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



444300



59593E



440001



2E2E1D



ADADAD



2E2E2E

Same Dimension

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



444300



595800



234400



21211E



615F00



E0DD00

Inverse Universe

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



000144



000159



210044



1E1E21



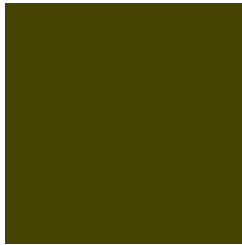
000161



0003E0

Previews

White Background



This preview shows how the Hex color 444300 looks on a white background.

Color Contrast Check

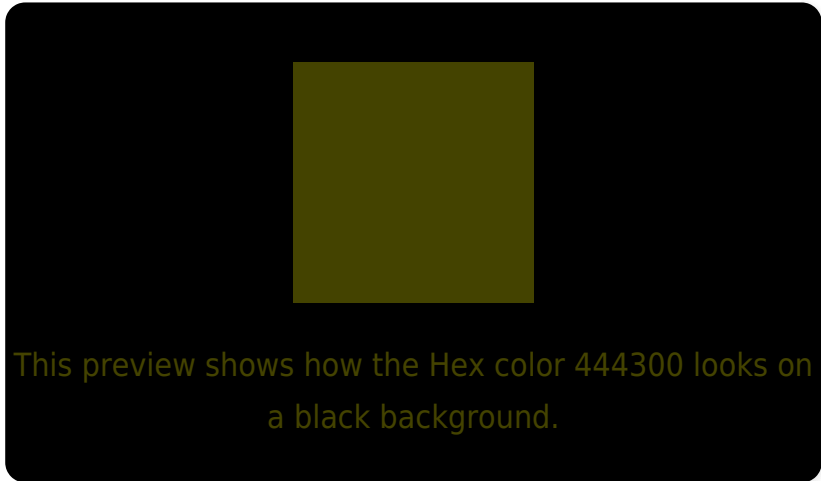
Large Text (above 18pt) WCAG AA ✓ Pass

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

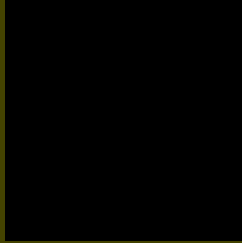
Any Text WCAG AA × Fail

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 444300 Background



This preview shows how black text looks on a background with the Hex color 444300.



This preview shows how white text looks on a background with the Hex color 444300.

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](#).

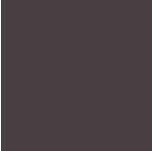
Dichromacy



Original Color
444300

Protanopia
494100

Deuteranopia
523E0A



Tritanopia
483E43

Trichromacy



Original Color
444300

Protanomaly
474200

Deuteranomaly
4D4006

Tritanomaly
47402B

Monochromacy



Original Color
444300

Achromatopsia
3C3C3C

Achromatomaly
3F3F26

CSS Examples

Text

The CSS property to change the color of the text to Hex 444300 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 #444300 looks like.

```
.text, #text, p{  
    color:#444300  
}
```

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 #444300 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #444300
}
```

Border

The CSS property to change the border of an element to Hex 444300 is called "border". The border property can be set on classes, ids or directly on the HTML element.

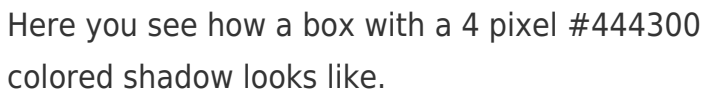
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#444300 }
```

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

```
.border{ border-color:#444300 }
```

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



Here you see how a box with a 4 pixel #444300 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #444300; -webkit-box-shadow:4px 4px  
4px 4px #444300; box-shadow:4px 4px 4px  
4px #444300 }
```

Background

The CSS property to change the background color of an element to Hex 444300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#444300 }
```

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

```
.background{ background-color:#444300 }
```

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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