

Converting Colors

Hex(444011)

Have a look what the booklet for
Hex(444011) contains.

Hex(444011)	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(444011)

Conversions

Conversions Part 1

Format	Color
Hex	444011
RGB	68, 64, 17
RGB Percent	27%, 25%, 7%
CMY	0.7333, 0.7490, 0.9333
CMYK	0.00, 0.06, 0.75, 0.73
HSL	55°, 60%, 17%
HSV	55°, 75%, 27%
XYZ	4.3185, 4.9362, 1.2555
YIQ	59.8380, 17.4710, -13.7690

Conversions

Conversions Part 2

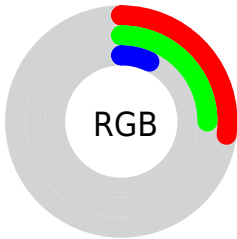
Format	Color
R_{YB}	21, 68, 17
Decimal	4472849
CIE Lab	26.55, -5.00, 28.18
CIE LCh	27, 28.622, 100.058
Yxy	4.9362, 0.4109, 0.4697
Android (android.graphics.Color)	4282662929 (0xFF444011)
YUV	59.8380, -21.1191, 7.1581
Hunter-Lab	22.2176, -4.1854, 12.2019

Details

The Hex color **444011** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **111544**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **766F3E**, and **141600** is the 20% darker color. If you saturate the color by 10%, you get **443F0A**, and if you desaturate by 10%, it is **444118**.

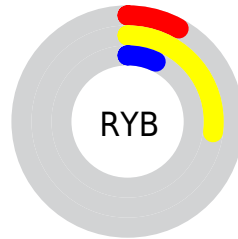
Distribution



Red (27%)

Green (25%)

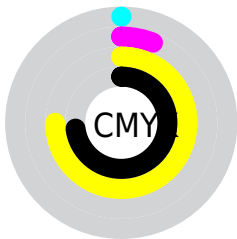
Blue (7%)



Red (8%)

Yellow (27%)

Blue (7%)

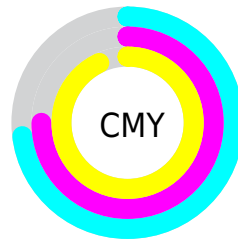


Cyan (0%)

Magenta (6%)

Yellow (75%)

Black (73%)



Cyan (73%)

Magenta (75%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 444011 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 444011 by changing the saturation by 10% instead.

 444011

 444011

 FFFFF7

 2E2A00

 766F3E

 141600

 908956

 000000

 ABA36F

 C7BE89

 E3DAA3

 FFF6BE

 FFFFDA

 444011

 444011

■ 443F0A

■ 444118

■ 443F03

■ 44411F

■ 443F00

■ 444225

■ 44422C

■ 444333

■ 44433A

■ 444441

■ 444447

■ 44454E

Harmonies

Analogous

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



573815



444011



2C451C

Triad

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



444011



00495A



5F2E4E

Complementary

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



444011



111544

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.



4A3660



444011



004568

Square

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



444011



004A46



243F6A



672B38

Rectangle

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



444011



174828



243F6A



593055

Sweetspot

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



444011



595845



441115



2E2D21



ADADAD



2E2E2E

Same Dimension

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



444011



595309



2F4411



21211E



615900



E0CF00

Inverse Universe

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



111544



090F59



261144



1E1E21



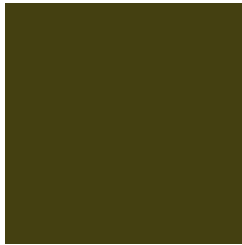
000861



0012E0

Previews

White Background



This preview shows how the Hex color 444011 looks on a white background.

Color Contrast Check

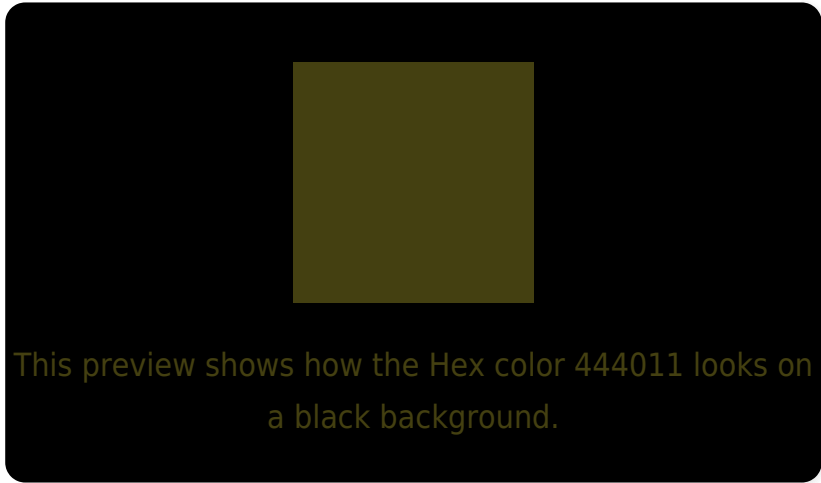
Large Text (above 18pt) WCAG AA ✓ Pass

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

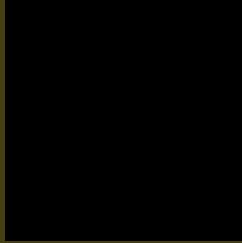
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

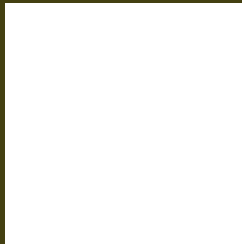
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 444011 Background



This preview shows how black text looks on a background with the Hex color 444011.

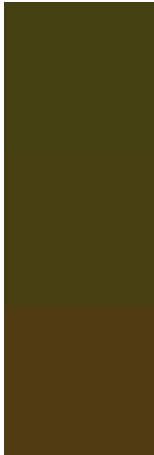


This preview shows how white text looks on a background with the Hex color 444011.

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](#).

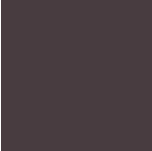
Dichromacy



Original Color
444011

Protanopia
473F11

Deuteranopia
4F3C13



Tritanopia
483C40

Trichromacy



Original Color

444011

Protanomaly

463F11

Deuteranomaly

4B3D12

Tritanomaly

473D2F

Monochromacy



Original Color

444011

Achromatopsia

3C3C3C

Achromatomaly

3F3D2C

CSS Examples

Text

The CSS property to change the color of the text to Hex 444011 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 #444011 looks like.

```
.text, #text, p{  
    color:#444011  
}
```

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 #444011 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #444011
}
```

Border

The CSS property to change the border of an element to Hex 444011 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
#444011 }
```

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

```
.border{ border-color:#444011 }
```

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

Here you see how a box with a 4 pixel #444011 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #444011; -webkit-box-shadow:4px 4px  
4px 4px #444011; box-shadow:4px 4px 4px  
4px #444011 }
```

Background

The CSS property to change the background color of an element to Hex 444011 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#444011 }
```

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

```
.background{ background-color:#444011 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor