

# Converting Colors

Hex(444C11)

Have a look what the booklet for  
Hex(444C11) contains.

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**Color**

**Hex(444C11)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	444C11
RGB	68, 76, 17
RGB Percent	27%, 30%, 7%
CMY	0.7333, 0.7020, 0.9333
CMYK	0.11, 0.00, 0.78, 0.70
HSL	68°, 63%, 18%
HSV	68°, 78%, 30%
XYZ	5.0695, 6.4383, 1.5058
YIQ	66.8820, 14.1710, -20.0450

# Conversions

## Conversions Part 2

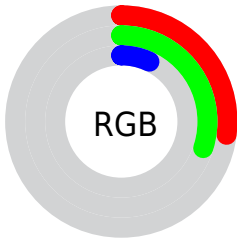
<b>Format</b>	<b>Color</b>
<b>RYB</b>	17, 76, 25
Decimal	4475921
CIELab	30.49, -12.19, 32.15
CIElCh	30, 34.385, 110.758
Yxy	6.4383, 0.3896, 0.4947
Android (android.graphics.Color)	4282666001 (0xFF444C11)
YUV	66.8820, -24.5918, 0.9805
Hunter-Lab	25.3738, -8.7410, 14.2430

# Details

The Hex color **444C11** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **19114C**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **767D40**, and **162000** is the 20% darker color. If you saturate the color by 10%, you get **434C09**, and if you desaturate by 10%, it is **454C19**.

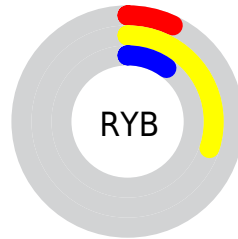
# Distribution



Red (27%)

Green (30%)

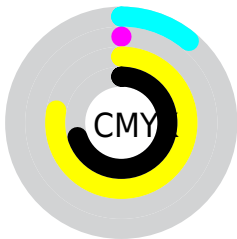
Blue (7%)



Red (7%)

Yellow (30%)

Blue (10%)

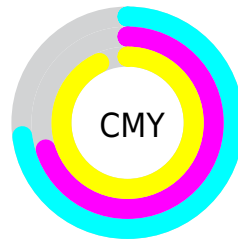


Cyan (11%)

Magenta (0%)

Yellow (78%)

Black (70%)



Cyan (73%)

Magenta (70%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 444C11 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 444C11 by changing the saturation by 10% instead.





444C11



444C11



FFFFFA



2D3500



767D40



162000



909758



000300



ABB171



000000



C7CD8B



E4E9A6



FFFFC1



FFFFDD



444C11



444C11

■ 434C09

■ 454C19

■ 424C02

■ 464C20

■ 424C00

■ 474C28

■ 484C2F

■ 494C37

■ 4A4C3F

■ 4B4C46

■ 4C4C4E

■ 4D4C55

# Harmonies

## Analogous

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



5D440F



444C11



235124

# Triad

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



444C11



005371



743051

# Complementary

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



444C11



19114C

# 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.



60396A



444C11



004D7D

# Square

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



444C11



00555A



3A447A



793036

# Rectangle

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



444C11



005435



3A447A



6F325A



# Sweetspot

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



444C11



60634D



4C1911



313325



B3B3B3



333333



# Same Dimension

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



444C11



576307



274C11



262622



586600



C6E600



# Inverse Universe

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



19114C



140763



36114C



232226



0E0066

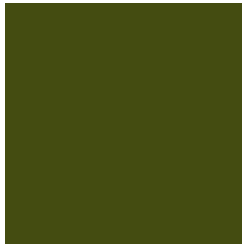


1F00E6



# Previews

## White Background



This preview shows how the Hex color 444C11 looks on a white background.

## Color Contrast Check

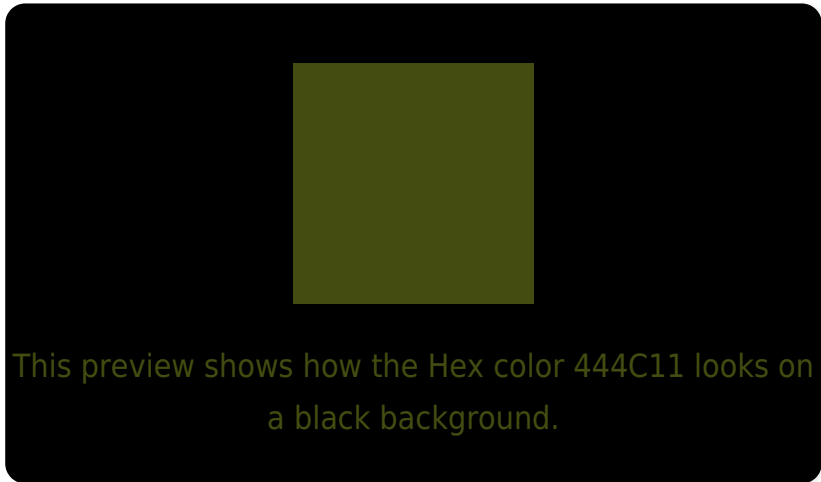
Large Text (above 18pt) WCAG AA ✓ Pass

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

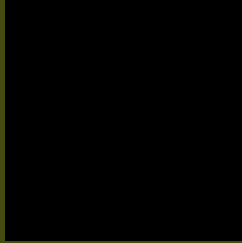
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 444C11 Background



This preview shows how black text looks on a background with the Hex color 444C11.



This preview shows how white text looks on a background with the Hex color 444C11.

# 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**  
444C11

**Protanopia**  
514810

**Deuteranopia**  
5A4415



**Tritanopia**  
49474C

# Trichromacy



**Original Color**  
444C11

**Protanomaly**  
4C4910

**Deuteranomaly**  
524714

**Tritanomaly**  
474937

# Monochromacy



**Original Color**  
444C11

**Achromatopsia**  
434343

**Achromatomaly**  
434631

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 444C11 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 #444C11 looks like.

```
.text, #text, p{  
    color:#444C11  
}
```

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 #444C11 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #444C11
}
```

## Border

The CSS property to change the border of an element to Hex 444C11 is called "border". The border property can be set on classes, ids or directly on the HTML element.

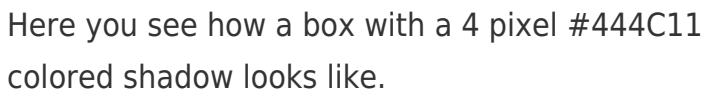
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#444C11 }
```

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

```
.border{ border-color:#444C11 }
```

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



Here you see how a box with a 4 pixel #444C11 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #444C11; -webkit-box-shadow:4px 4px  
4px 4px #444C11; box-shadow:4px 4px 4px  
4px #444C11 }
```

# Background

The CSS property to change the background color of an element to Hex 444C11 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#444C11 }
```

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

```
.background{ background-color:#444C11 }
```

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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