

# Converting Colors

Hex(444717)

Have a look what the booklet for  
Hex(444717) contains.

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**Color**

**Hex(444717)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	444717
RGB	68, 71, 23
RGB Percent	27%, 28%, 9%
CMY	0.7333, 0.7216, 0.9098
CMYK	0.04, 0.00, 0.68, 0.72
HSL	64°, 51%, 18%
HSV	64°, 68%, 28%
XYZ	4.7918, 5.7973, 1.6770
YIQ	64.6310, 13.6200, -15.5640

# Conversions

## Conversions Part 2

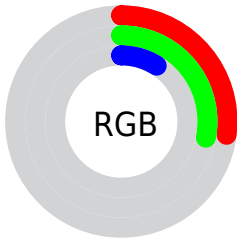
Format	Color
<a href="#">RYB</a>	<a href="#">23, 71, 26</a>
Decimal	<a href="#">4474647</a>
CIELab	<a href="#">28.90, -8.80, 27.64</a>
CIElCh	<a href="#">29, 29.012, 107.665</a>
Yxy	<a href="#">5.7973, 0.3907, 0.4726</a>
Android (android.graphics.Color)	<a href="#">4282664727 (0xFF444717)</a>
YUV	<a href="#">64.6310, -20.5241, 2.9546</a>
Hunter-Lab	<a href="#">24.0775, -6.6116, 12.7246</a>

# Details

The Hex color **444717** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **1A1747**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **767745**, and **161C00** is the 20% darker color. If you saturate the color by 10%, you get **444710**, and if you desaturate by 10%, it is **44471E**.

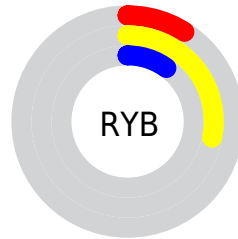
# Distribution



 Red (27%)


 Green (28%)

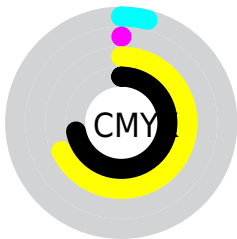
 Blue (9%)





 Red (9%)

 Yellow (28%)

 Blue (10%)

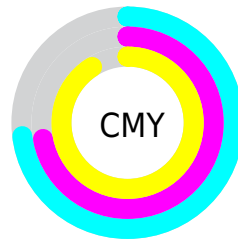


 Cyan (4%)


 Magenta (0%)

 Yellow (68%)

 Black (72%)



 Cyan (73%)

 Magenta (72%)

 Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 444717 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 444717 by changing the saturation by 10% instead.





444717



444717

FFFFFF



2D3100



767745



161C00



90915D



000000



ABAB76



C6C790



E3E3AA



FFFFC6



FFFFE2



444717



444717

■ 444710

■ 44471E

■ 434709

■ 454725

■ 434702

■ 45472C

■ 434700

■ 464733

■ 46473B

■ 474742

■ 474749

■ 484750

■ 484757

# Harmonies

## Analogous

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



594017



444717



2A4C25

# Triad

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



444717



004E65



69324E

# Complementary

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



444717



1A1747

# 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.



563963



444717



004970

# Square

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



444717



004F51



36426F



6E3138

# Rectangle

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



444717



104E32



36426F



643456



# Sweetspot

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



444717



5B5C49



471917



2D2E23



ADADAD



2E2E2E



# Same Dimension

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



444717



575C11



2D4717



232420



5D6300



D5E300



# Inverse Universe

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



1A1747



16115C



311747



202024



060063



0E00E3



# Previews

## White Background



This preview shows how the Hex color 444717 looks on a white background.

## Color Contrast Check

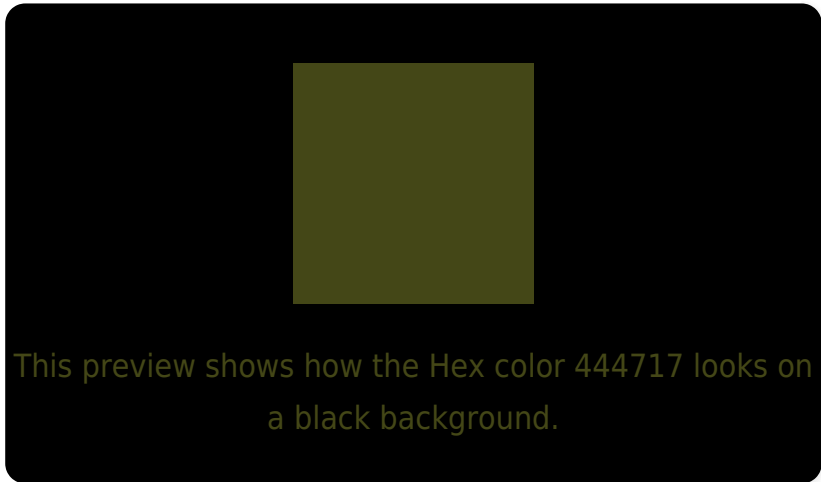
Large Text (above 18pt) WCAG AA ✓ Pass

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

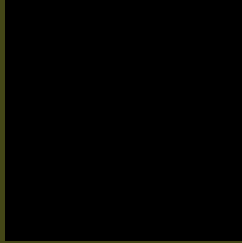
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 444717 Background



This preview shows how black text looks on a background with the Hex color 444717.



This preview shows how white text looks on a background with the Hex color 444717.

# 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**  
444717

**Protanopia**  
4C4416

**Deuteranopia**  
554119



**Tritanopia**  
494248

# Trichromacy



**Original Color**  
444717

**Protanomaly**  
494516

**Deuteranomaly**  
4F4318

**Tritanomaly**  
474436

# Monochromacy



**Original Color**  
444717

**Achromatopsia**  
414141

**Achromatomaly**  
424332

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 444717 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 #444717 looks like.

```
.text, #text, p{  
    color:#444717  
}
```

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 #444717 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #444717
}
```

## Border

The CSS property to change the border of an element to Hex 444717 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
#444717 }
```

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

```
.border{ border-color:#444717 }
```

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

Here you see how a box with a 4 pixel #444717 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #444717; -webkit-box-shadow:4px 4px  
4px 4px #444717; box-shadow:4px 4px 4px  
4px #444717 }
```

# Background

The CSS property to change the background color of an element to Hex 444717 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#444717 }
```

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

```
.background{ background-color:#444717 }
```

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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