

# Converting Colors

Hex(464607)

Have a look what the booklet for  
Hex(464607) contains.

<b>Hex(464607)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(464607)**

# Conversions

## Conversions Part 1

Format	Color
Hex	464607
RGB	70, 70, 7
RGB Percent	27%, 27%, 3%
CMY	0.7255, 0.7255, 0.9725
CMYK	0.00, 0.00, 0.90, 0.73
HSL	60°, 82%, 15%
HSV	60°, 90%, 27%
XYZ	4.7543, 5.6977, 1.0502
YIQ	62.8180, 20.2230, -19.5930

# Conversions

## Conversions Part 2

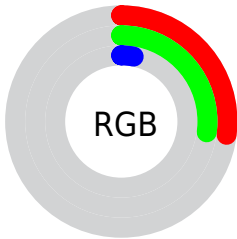
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	7, 70, 7
Decimal	4605447
CIE Lab	28.64, -8.17, 34.39
CIE LCh	29, 35.345, 103.370
Yxy	5.6977, 0.4133, 0.4954
Android (android.graphics.Color)	4282795527 (0xFF464607)
YUV	62.8180, -27.5183, 6.2986
Hunter-Lab	23.8700, -6.2197, 14.1004

# Details

The Hex color **464607** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **070746**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **797638**, and **161B00** is the 20% darker color. If you saturate the color by 10%, you get **464600**, and if you desaturate by 10%, it is **46460E**.

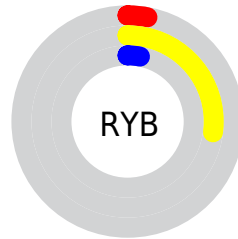
# Distribution



Red (27%)

Green (27%)

Blue (3%)



Red (3%)

Yellow (27%)

Blue (3%)

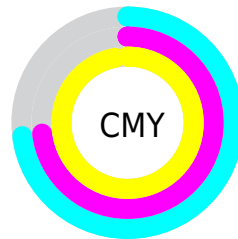


Cyan (0%)

Magenta (0%)

Yellow (90%)

Black (73%)



Cyan (73%)

Magenta (73%)

Yellow (97%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 464607 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 464607 by changing the saturation by 10% instead.



 464607

 464607

 FFFFF0

 2F3000

 797638

 161B00

 939050

 000000

 AFAA68

 CBC582

 E7E19D

 FFFEB8

 FFFFD4

 464607

 464607

■ 464600

■ 46460E

■ 464615

■ 46461C

■ 464623

■ 46462A

■ 464631

■ 464638

■ 46463F

■ 464646

# Harmonies

## Analogous

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



5E3D0B



464607



274C19

# Triad

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



464607



004F68



6D2C54

# Complementary

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



464607



070746

# 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.



54376B



464607



004B78

# Square

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



464607



00514F



244279



752A38

# Rectangle

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



464607



004F2A



244279



672F5C



# Sweetspot

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



464607



5C5C43



460707



2E2E1F



ADADAD



2E2E2E



# Same Dimension

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



464607



5C5C00



274607



242420



636300



E3E300



# Inverse Universe

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



070746



00005C



270746



202024



000063

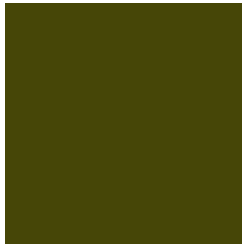


0000E3



# Previews

## White Background



This preview shows how the Hex color 464607 looks on a white background.

## Color Contrast Check

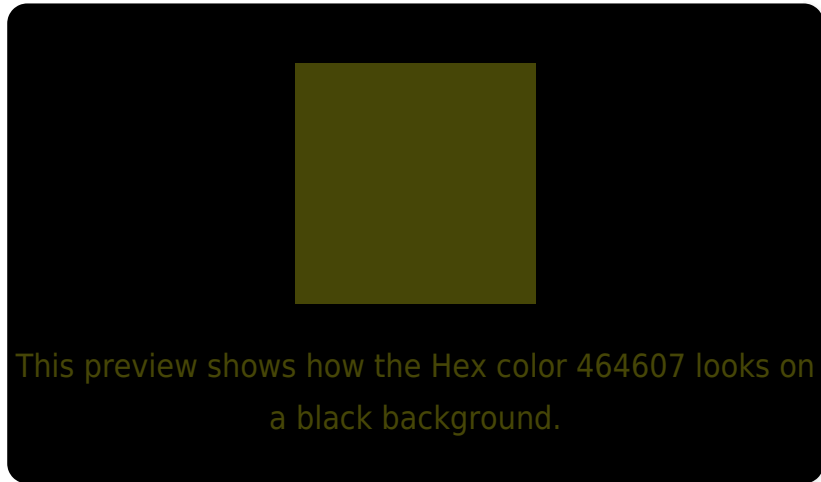
Large Text (above 18pt) WCAG AA ✓ Pass

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

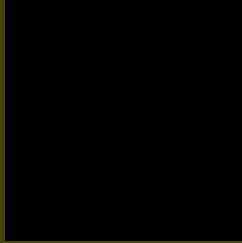
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 464607 Background



This preview shows how black text looks on a background with the Hex color 464607.



This preview shows how white text looks on a background with the Hex color 464607.

# 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**

464607

**Protanopia**

4C4406

**Deuteranopia**

55400C



**Tritanopia**  
4B4146

# Trichromacy



**Original Color**  
464607

**Protanomaly**  
4A4506

**Deuteranomaly**  
50420A

**Tritanomaly**  
49432F

# Monochromacy



**Original Color**  
464607

**Achromatopsia**  
3F3F3F

**Achromatomaly**  
42422B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 464607 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 #464607 looks like.

```
.text, #text, p{  
    color:#464607  
}
```

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 #464607 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #464607
}
```

## Border

The CSS property to change the border of an element to Hex 464607 is called "border". The border property can be set on classes, ids or directly on the HTML element.

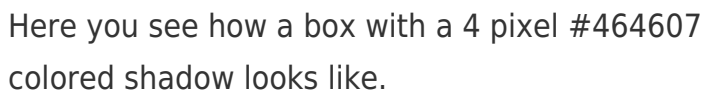
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#464607 }
```

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

```
.border{ border-color:#464607 }
```

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



Here you see how a box with a 4 pixel #464607 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #464607; -webkit-box-shadow:4px 4px  
4px 4px #464607; box-shadow:4px 4px 4px  
4px #464607 }
```

# Background

The CSS property to change the background color of an element to Hex 464607 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#464607 }
```

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

```
.background{ background-color:#464607 }
```

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