

# Converting Colors

Hex(447044)

Have a look what the booklet for  
Hex(447044) contains.

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# Color

Hex(447044)

# Conversions

## Conversions Part 1

Format	Color
Hex	447044
RGB	68, 112, 68
RGB Percent	27%, 44%, 27%
CMY	0.7333, 0.5608, 0.7333
CMYK	0.39, 0.00, 0.39, 0.56
HSL	120°, 24%, 35%
HSV	120°, 39%, 44%
XYZ	9.2215, 13.2346, 7.5374
YIQ	93.8280, -12.1000, -23.0120

# Conversions

## Conversions Part 2

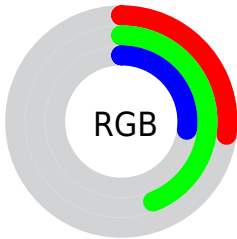
<b>Format</b>	<b>Color</b>
<b>RYB</b>	68, 112, 112
Decimal	4485188
CIELab	43.11, -25.05, 19.80
CIElCh	43, 31.934, 141.678
Yxy	13.2346, 0.3074, 0.4413
Android (android.graphics.Color)	4282675268 (0xFF447044)
YUV	93.8280, -12.7332, -22.6512
Hunter-Lab	36.3794, -18.4179, 13.1815

# Details

The Hex color **447044** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **704470**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **76A475**, and **134018** is the 20% darker color. If you saturate the color by 10%, you get **397039**, and if you desaturate by 10%, it is **4F704F**.

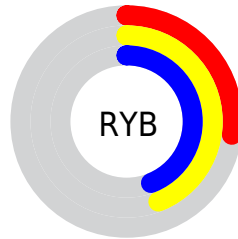
# Distribution



Red (27%)

Green (44%)

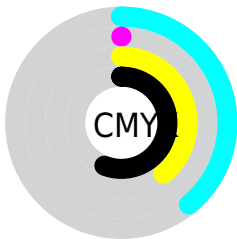
Blue (27%)



Red (27%)

Yellow (44%)

Blue (44%)

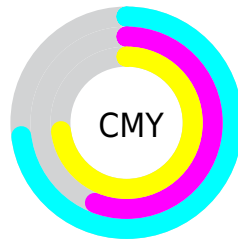


Cyan (39%)

Magenta (0%)

Yellow (39%)

Black (56%)



Cyan (73%)

Magenta (56%)

Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 447044 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 447044 by changing the saturation by 10% instead.





447044



447044

FFFFFF



2C572D



76A475



134018



90BF8E



002900



ABDBA9



001300



C7F8C4



000000



E4FFE0

FFFFFFD



447044



447044



397039



4F704F

■ 2E702E

■ 5A705A

■ 227022

■ 667066

■ 177017

■ 717071

■ 0C700C

■ 7C707C

■ 017001

■ 877087

■ 007000

■ 927092

■ 9E709E

■ A970A9

# Harmonies

## Analogous

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



636A33



447044



16735D

# Triad

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



447044



286B9A



985154

# Complementary

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



447044



704470

# 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.



93516E



447044



5D6297

# Square

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



447044



00718F



805887



8F583D

# Rectangle

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



447044



007470



805887



98505C



# Sweetspot

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



447044



809180



707044



404A40



C9C9C9



4A4A4A



# Same Dimension

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



447044



4D914D



44705A



323832



007800



00F700



# Inverse Universe

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



704470



914D91



70445A



383238



780078

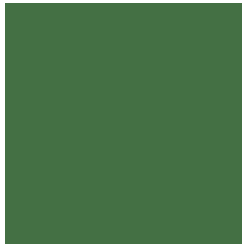


F700F7



# Previews

## White Background



This preview shows how the Hex color 447044 looks on a white background.

## Color Contrast Check

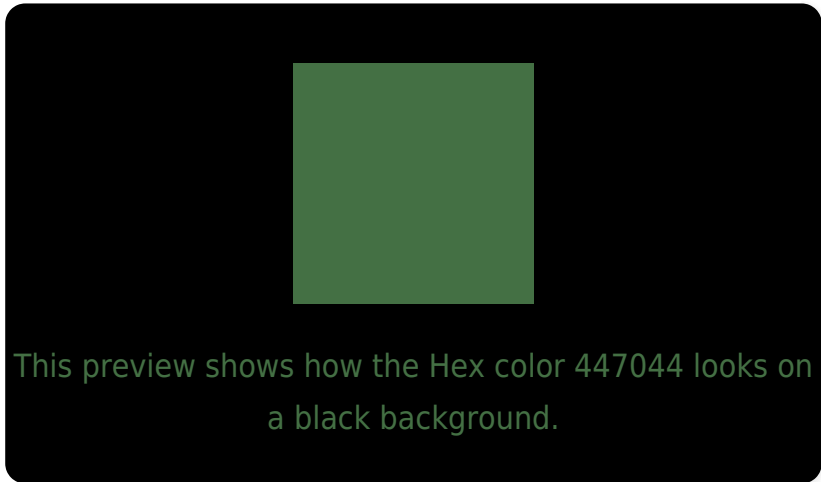
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

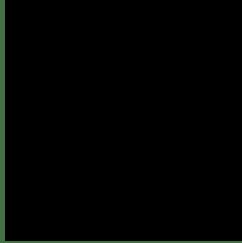
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 447044 Background



This preview shows how black text looks on a background with the Hex color 447044.



This preview shows how white text looks on a background with the Hex color 447044.

# 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**


447044

**Protanopia**

6F6540

**Deuteranopia**

796147



**Tritanopia**  
4D6A73

# Trichromacy



**Original Color**  
447044

**Protanomaly**  
5F6941

**Deuteranomaly**  
666646

**Tritanomaly**  
4A6C62

# Monochromacy



**Original Color**  
447044

**Achromatopsia**  
5E5E5E

**Achromatomaly**  
556555

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 447044 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 #447044 looks like.

```
.text, #text, p{  
    color:#447044  
}
```

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 #447044 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #447044
}
```

## Border

The CSS property to change the border of an element to Hex 447044 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
#447044 }
```

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

```
.border{ border-color:#447044 }
```

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

Here you see how a box with a 4 pixel #447044 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #447044; -webkit-box-shadow:4px 4px  
4px 4px #447044; box-shadow:4px 4px 4px  
4px #447044 }
```

# Background

The CSS property to change the background color of an element to Hex 447044 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#447044 }
```

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

```
.background{ background-color:#447044 }
```

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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