

# Converting Colors

Hex(447953)

Have a look what the booklet for  
Hex(447953) contains.

<b>Hex(447953)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(447953)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	447953
RGB	68, 121, 83
RGB Percent	27%, 47%, 33%
CMY	0.7333, 0.5255, 0.6745
CMYK	0.44, 0.00, 0.31, 0.53
HSL	137°, 28%, 37%
HSV	137°, 44%, 47%
XYZ	10.7826, 15.5282, 10.6126
YIQ	100.8210, -19.3900, -23.0540

# Conversions

## Conversions Part 2

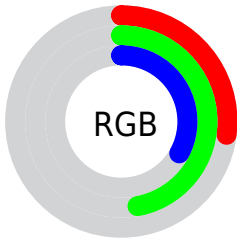
<b>Format</b>	<b>Color</b>
<b>RYB</b>	68, 109, 121
Decimal	4487507
CIELab	46.35, -26.70, 15.46
CIELCh	46, 30.852, 149.933
Yxy	15.5282, 0.2920, 0.4206
Android (android.graphics.Color)	4282677587 (0xFF447953)
YUV	100.8210, -8.7858, -28.7840
Hunter-Lab	39.4059, -20.1174, 11.6165

# Details

The Hex color **447953** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **79446A**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **77AE85**, and **114826** is the 20% darker color. If you saturate the color by 10%, you get **38794A**, and if you desaturate by 10%, it is **50795C**.

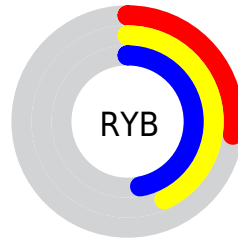
# Distribution



Red (27%)

Green (47%)

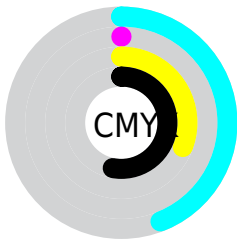
Blue (33%)



Red (27%)

Yellow (43%)

Blue (47%)

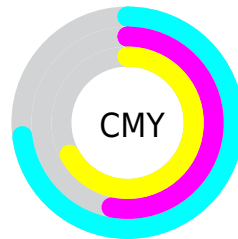


Cyan (44%)

Magenta (0%)

Yellow (31%)

Black (53%)



Cyan (73%)

Magenta (53%)

Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 447953 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 447953 by changing the saturation by 10% instead.




 447953

 447953

FFFFFF

 2B603C

 77AE85

 114826

 91C99F

 003111

 ACE6BA

 001E00

 C8FFD6

 000000

 E5FFF2

 447953

 447953

 38794A

 50795C

 2C7942

 5C7964

■ 207939

■ 68796D

■ 147930

■ 747976

■ 087928

■ 80797E

■ 007922

■ 8D7987

■ 997990

■ A57998

■ B179A1

# Harmonies

## Analogous

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



647440



447953



177B6D

# Triad

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



447953



4570A1



9E5B55

# Complementary

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



447953



79446A

# 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.



9E596F



447953



70679B

# Square

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



447953



00779A



8E5E88



936342

# Rectangle

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



447953



007B7F



8E5E88



A05A5E



# Sweetspot

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



447953



8A9E8F



6B7944



424F46



CFCFCF



4F4F4F



# Same Dimension

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



447953



4A9E62



44796D



373D39



007D23



00FC47



# Inverse Universe

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



79446A



9E4A86



794450



3D373B



7D005A



FC00B5



# Previews

## White Background



This preview shows how the Hex color 447953 looks on a white background.

## Color Contrast Check

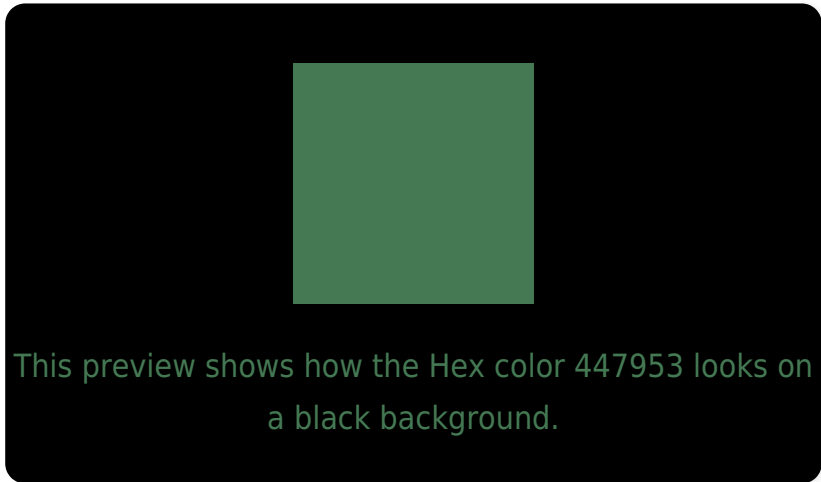
Large Text (above 18pt) WCAG AA ✓ Pass

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

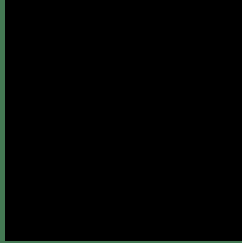
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 447953 Background



This preview shows how black text looks on a background with the Hex color 447953.



This preview shows how white text looks on a background with the Hex color 447953.

# 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**  
447953

**Protanopia**  
766D4E

**Deuteranopia**  
806957



**Tritanopia**  
4E747D

# Trichromacy



**Original Color**  
447953

**Protanomaly**  
647150

**Deuteranomaly**  
6A6F56

**Tritanomaly**  
4A766E

# Monochromacy



**Original Color**  
447953

**Achromatopsia**  
656565

**Achromatomaly**  
596C5E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 447953 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 #447953 looks like.

```
.text, #text, p{  
    color:#447953  
}
```

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 #447953 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #447953
}
```

## Border

The CSS property to change the border of an element to Hex 447953 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".

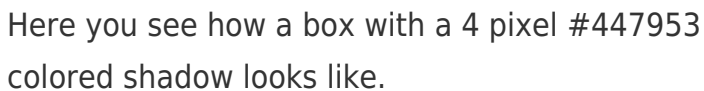
```
.border, #border, table{ border:4px solid
#447953 }
```

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

```
.border{ border-color:#447953 }
```

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

Here you see how a box with a 4 pixel #447953 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #447953; -webkit-box-shadow:4px 4px  
4px 4px #447953; box-shadow:4px 4px 4px  
4px #447953 }
```

# Background

The CSS property to change the background color of an element to Hex 447953 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#447953 }
```

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

```
.background{ background-color:#447953 }
```

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