

# Converting Colors

Hex(457043)

Have a look what the booklet for  
Hex(457043) contains.

<b>Hex(457043)</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(457043)**

# Conversions

## Conversions Part 1

Format	Color
Hex	457043
RGB	69, 112, 67
RGB Percent	27%, 44%, 26%
CMY	0.7294, 0.5608, 0.7373
CMYK	0.38, 0.00, 0.40, 0.56
HSL	117°, 25%, 35%
HSV	117°, 40%, 44%
XYZ	9.2615, 13.2588, 7.3813
YIQ	94.0130, -11.1830, -23.1110

# Conversions

## Conversions Part 2

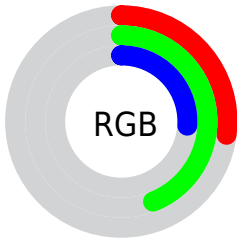
<b>Format</b>	<b>Color</b>
<b>RYB</b>	67, 112, 110
Decimal	4550723
CIELab	43.15, -24.88, 20.43
CIElCh	43, 32.193, 140.599
Yxy	13.2588, 0.3097, 0.4434
Android (android.graphics.Color)	4282740803 (0xFF457043)
YUV	94.0130, -13.3174, -21.9364
Hunter-Lab	36.4126, -18.3207, 13.4701

# Details

The Hex color **457043** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **6E4370**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **77A474**, and **144017** is the 20% darker color. If you saturate the color by 10%, you get **3A7038**, and if you desaturate by 10%, it is **50704E**.

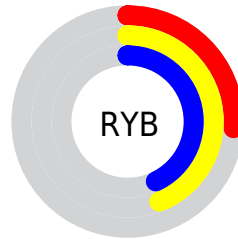
# Distribution



Red (27%)

Green (44%)

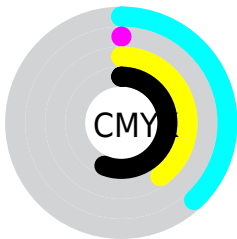
Blue (26%)



Red (26%)

Yellow (44%)

Blue (43%)

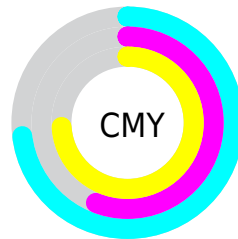


Cyan (38%)

Magenta (0%)

Yellow (40%)

Black (56%)



Cyan (73%)

Magenta (56%)

Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 457043 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 457043 by changing the saturation by 10% instead.



■ 457043

■ 457043

FFFFFF

■ 2D572C

■ 77A474

■ 144017

■ 92BF8D

■ 002900

■ ADDBA8

■ 001300

■ C8F8C3

■ 000000

■ E5FFDF

FFFFFFC

■ 457043

■ 457043

■ 3A7038

■ 50704E

 30702D

 5A7059

 257021

 657065

 1A7016

 707070

 0F700B

 7B707B

 057000

 857086

 907091

 9B709D

 A570A8

# Harmonies

## Analogous

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



646A32



457043



17735C

# Triad

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



457043



246B9A



995155

# Complementary

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



457043



6E4370

# 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.



93516F



457043



5B6298

# Square

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



457043



00718E



7F5888



90583E

# Rectangle

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



457043



00746F



7F5888



98505D



# Sweetspot

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



457043



819180



706E43



404A40



C9C9C9



4A4A4A



# Same Dimension

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



457043



4F914C



437057



333832



057800



0BF700



# Inverse Universe

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



6E4370



8E4C91



70435C



383238



730078

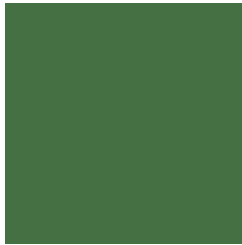


EC00F7



# Previews

## White Background



This preview shows how the Hex color 457043 looks on a white background.

## Color Contrast Check

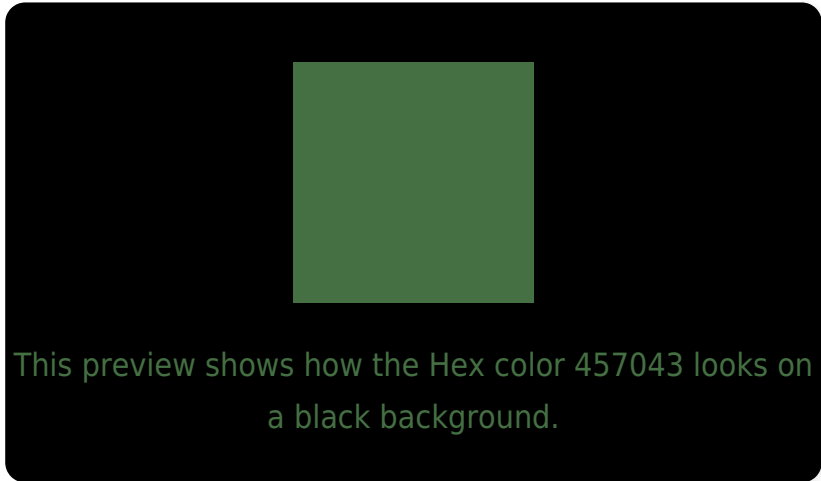
Large Text (above 18pt) WCAG AA ✓ Pass

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

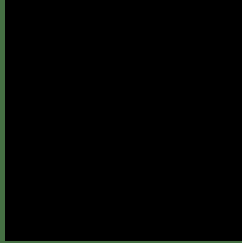
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 457043 Background



This preview shows how black text looks on a background with the Hex color 457043.



This preview shows how white text looks on a background with the Hex color 457043.

# 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**  
457043

**Protanopia**  
6F663F

**Deuteranopia**  
796146



**Tritanopia**  
4E6A73

# Trichromacy



**Original Color**  
457043

**Protanomaly**  
606A40

**Deuteranomaly**  
666645

**Tritanomaly**  
4B6C62

# Monochromacy



**Original Color**  
457043

**Achromatopsia**  
5E5E5E

**Achromatomaly**  
556554

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 457043 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 #457043 looks like.

```
.text, #text, p{  
    color:#457043  
}
```

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 #457043 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #457043
}
```

## Border

The CSS property to change the border of an element to Hex 457043 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".

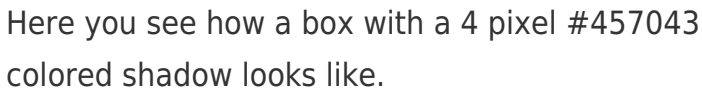
```
.border, #border, table{ border:4px solid
#457043 }
```

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

```
.border{ border-color:#457043 }
```

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

Here you see how a box with a 4 pixel #457043 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #457043; -webkit-box-shadow:4px 4px  
4px 4px #457043; box-shadow:4px 4px 4px  
4px #457043 }
```

# Background

The CSS property to change the background color of an element to Hex 457043 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#457043 }
```

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

```
.background{ background-color:#457043 }
```

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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