

Converting Colors

Hex(457371)

Have a look what the booklet for
Hex(457371) contains.

| | |
|--|----|
| Hex(457371) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Hex(457371)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 457371 |
| RGB | 69, 115, 113 |
| RGB Percent | 27%, 45%, 44% |
| CMY | 0.7294, 0.5490, 0.5569 |
| CMYK | 0.40, 0.00, 0.02, 0.55 |
| HSL | 177°, 25%, 36% |
| HSV | 177°, 40%, 45% |
| XYZ | 11.5656, 14.7189, 17.8542 |
| YIQ | 101.0180, -26.7740, -10.3740 |

Conversions

Conversions Part 2

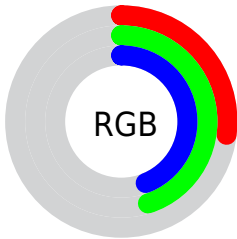
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 69, 93, 115 |
| Decimal | 4551537 |
| CIE _{Lab} | 45.25, -16.23, -3.87 |
| CIE _{LCh} | 45, 16.681, 193.418 |
| Yxy | 14.7189, 0.2620, 0.3335 |
| Android (android.graphics.Color) | 4282741617 (0xFF457371) |
| YUV | 101.0180, 5.9071, -28.0798 |
| Hunter-Lab | 38.3653, -13.3285, -0.7364 |

Details

The Hex color **457371** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **734547**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **78A7A5**, and **124341** is the 20% darker color. If you saturate the color by 10%, you get **3A7370**, and if you desaturate by 10%, it is **517371**.

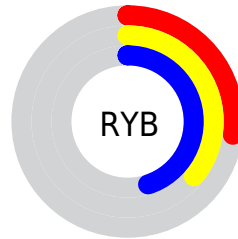
Distribution



Red (27%)

Green (45%)

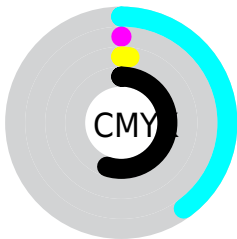
Blue (44%)



Red (27%)

Yellow (36%)

Blue (45%)

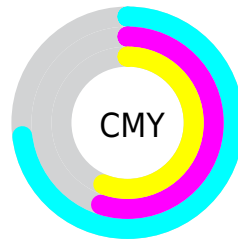


Cyan (40%)

Magenta (0%)

Yellow (2%)

Black (55%)



Cyan (73%)

Magenta (55%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 457371 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 457371 by changing the saturation by 10% instead.



457371



457371

FFFFFF



2C5A59



78A7A5



124341



92C2C0



002C2B



ADDEDC



001917



C9FBF8



000000



E6FFFF



457371



457371



3A7370



517371



2E7370



5C7372

■ 23736F

■ 687372

■ 17736F

■ 737373

■ 0B736E

■ 7F7374

■ 00736E

■ 8A7374

■ 967375

■ A17375

■ AD7376

Harmonies

Analogous

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



507263



457371



44727E

Triad

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



457371



75657F



7C6851

Complementary

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



457371



734547

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.



856359



457371



826273

Square

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



457371



636A86



886165



6F6C50

Rectangle

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



457371



4B7084



886165



806653

Sweetspot

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



457371



849696



477345



424D4C



CCCCCC



4D4D4D

Same Dimension

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



457371



4E9693



455E73



353B3A



007A75



00FAEF

Inverse Universe

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



734547



964E51



735A45



3B3535



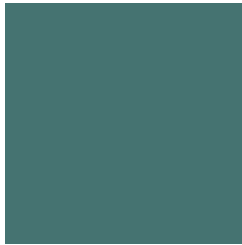
7A0005



FA000B

Previews

White Background



This preview shows how the Hex color 457371 looks on a white background.

Color Contrast Check

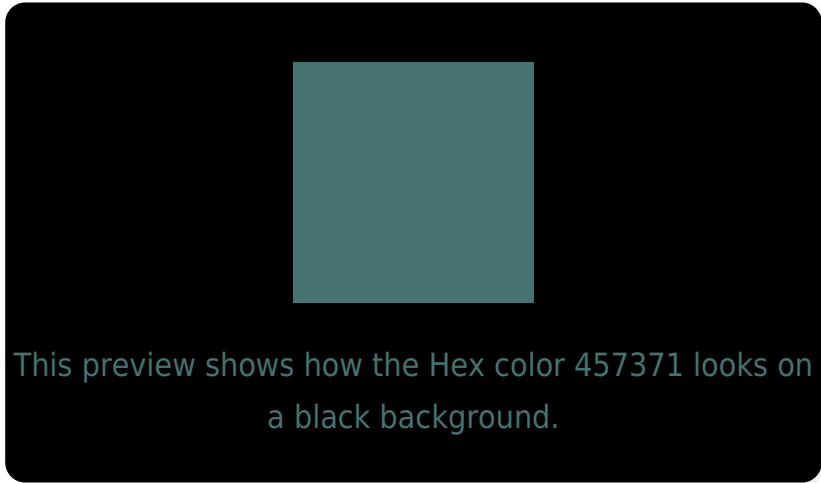
Large Text (above 18pt) WCAG AA ✓ Pass

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

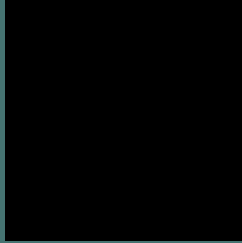
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

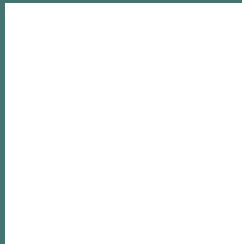
Any Text WCAG AAA × Fail

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

Hex 457371 Background



This preview shows how black text looks on a background with the Hex color 457371.

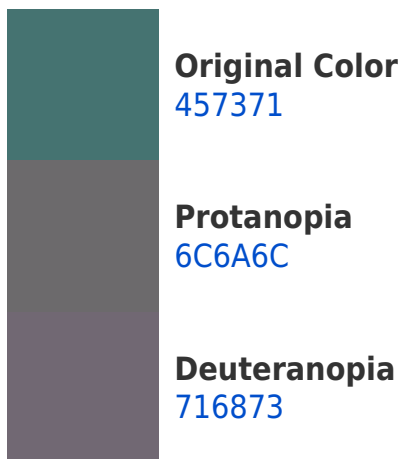


This preview shows how white text looks on a background with the Hex color 457371.

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





Tritanopia
48727B

Trichromacy



Original Color
457371

Protanomaly
5E6D6E

Deuteranomaly
616C72

Tritanomaly
477277

Monochromacy



Original Color
457371

Achromatopsia
656565

Achromatomaly
596A69

CSS Examples

Text

The CSS property to change the color of the text to Hex 457371 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 #457371 looks like.

```
.text, #text, p{  
    color:#457371  
}
```

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 #457371 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #457371
}
```

Border

The CSS property to change the border of an element to Hex 457371 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
#457371 }
```

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

```
.border{ border-color:#457371 }
```

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

Here you see how a box with a 4 pixel #457371 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #457371; -webkit-box-shadow:4px 4px  
4px 4px #457371; box-shadow:4px 4px 4px  
4px #457371 }
```

Background

The CSS property to change the background color of an element to Hex 457371 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#457371 }
```

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

```
.background{ background-color:#457371 }
```

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