

# Converting Colors

Hex(457367)

Have a look what the booklet for  
Hex(457367) contains.

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# Color

**Hex(457367)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	457367
RGB	69, 115, 103
RGB Percent	27%, 45%, 40%
CMY	0.7294, 0.5490, 0.5961
CMYK	0.40, 0.00, 0.10, 0.55
HSL	164°, 25%, 36%
HSV	164°, 40%, 45%
XYZ	11.0332, 14.5059, 15.0504
YIQ	99.8780, -23.5640, -13.4840

# Conversions

## Conversions Part 2

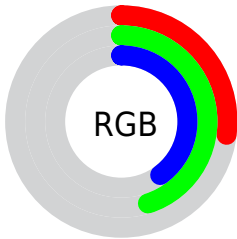
<b>Format</b>	<b>Color</b>
<b>RYB</b>	69, 95, 115
Decimal	4551527
CIELab	44.95, -18.81, 1.68
CIELCh	45, 18.883, 174.905
Yxy	14.5059, 0.2718, 0.3574
Android (android.graphics.Color)	4282741607 (0xFF457367)
YUV	99.8780, 1.5391, -27.0800
Hunter-Lab	38.0867, -14.9428, 3.2316

# Details

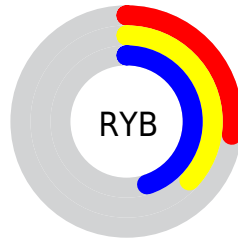
The Hex color **457367** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **734551**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **77A79A**, and **144338** is the 20% darker color. If you saturate the color by 10%, you get **3A7364**, and if you desaturate by 10%, it is **51736A**.

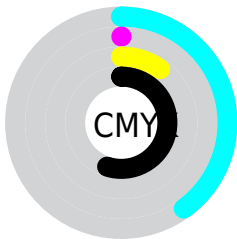
# Distribution



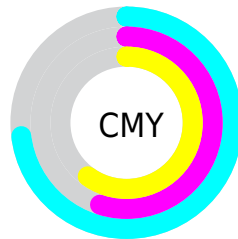
- Red (27%)
- Green (45%)
- Blue (40%)



- Red (27%)
- Yellow (37%)
- Blue (45%)



- Cyan (40%)
- Magenta (0%)
- Yellow (10%)
- Black (55%)



- Cyan (73%)
- Magenta (55%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 457367 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 457367 by changing the saturation by 10% instead.



457367

457367

FFFFFF

2D5A4F

77A79A

144338

92C2B5

002C23

ADDED0

00190D

C9FBED

000000

E5FFFF

457367

457367

3A7364

51736A

2E7361

5C736D

■ 23735E

■ 687370

■ 17735B

■ 737373

■ 0B7358

■ 7F7376

■ 007355

■ 8A7379

■ 96737C

■ A1737F

■ AD7382

# Harmonies

## Analogous

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



567158



457367



3B7377

# Triad

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



457367



696787



856351

# Complementary

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



457367



734551

# 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.



8A605E



457367



7C627D

# Square

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



457367



536D89



875F6E



78684B

# Rectangle

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



457367



3D7280



875F6E



876255



# Sweetspot

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



457367



849692



517345



424D4A



CCCCCC



4D4D4D



# Same Dimension

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



457367



4E9684



456873



353B39



007A5A



00FAB9



# Inverse Universe

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



734551



964E61



735045



3B3536



7A0020



FA0041



# Previews

## White Background



This preview shows how the Hex color 457367 looks on a white background.

## Color Contrast Check

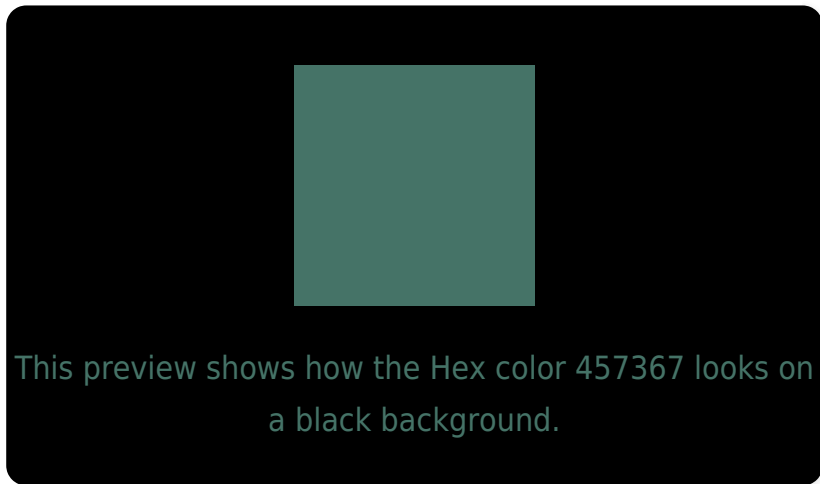
Large Text (above 18pt) WCAG AA ✓ Pass

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

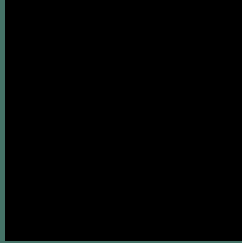
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 457367 Background



This preview shows how black text looks on a background with the Hex color 457367.



This preview shows how white text looks on a background with the Hex color 457367.

# 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**  
457367

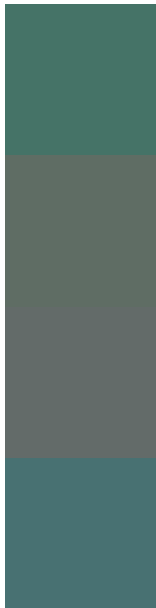
**Protanopia**  
6E6A62

**Deuteranopia**  
74676A



**Tritanopia**  
4A7079

# Trichromacy



**Original Color**  
457367

**Protanomaly**  
5F6D64

**Deuteranomaly**  
636B69

**Tritanomaly**  
487172

# Monochromacy



**Original Color**  
457367

**Achromatopsia**  
646464

**Achromatomaly**  
596965

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 457367 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 #457367 looks like.

```
.text, #text, p{  
    color:#457367  
}
```

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 #457367 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #457367
}
```

## Border

The CSS property to change the border of an element to Hex 457367 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
#457367 }
```

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

```
.border{ border-color:#457367 }
```

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

Here you see how a box with a 4 pixel #457367 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #457367; -webkit-box-shadow:4px 4px  
4px 4px #457367; box-shadow:4px 4px 4px  
4px #457367 }
```

# Background

The CSS property to change the background color of an element to Hex 457367 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#457367 }
```

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

```
.background{ background-color:#457367 }
```

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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