

# Converting Colors

Hex(437268)

Have a look what the booklet for  
Hex(437268) contains.

<b>Hex(437268)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

Hex(437268)

# Conversions

## Conversions Part 1

Format	Color
Hex	437268
RGB	67, 114, 104
RGB Percent	26%, 45%, 41%
CMY	0.7373, 0.5529, 0.5922
CMYK	0.41, 0.00, 0.09, 0.55
HSL	167°, 26%, 35%
HSV	167°, 41%, 45%
XYZ	10.8307, 14.2274, 15.2720
YIQ	98.8070, -24.8020, -13.0740

# Conversions

## Conversions Part 2

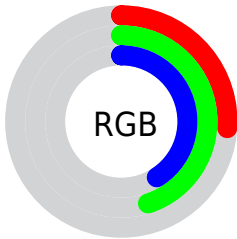
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	67, 93, 114
Decimal	4420200
CIE <sub>Lab</sub>	44.56, -18.62, 0.49
CIE <sub>LCh</sub>	45, 18.623, 178.478
Yxy	14.2274, 0.2686, 0.3528
Android (android.graphics.Color)	4282610280 (0xFF437268)
<b>YUV</b>	98.8070, 2.5601, -27.8947
Hunter-Lab	37.7192, -14.7539, 2.3977

# Details

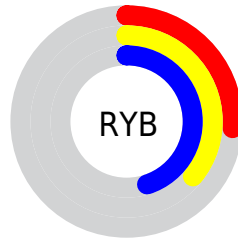
The Hex color **437268** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **72434D**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **76A69B**, and **114239** is the 20% darker color. If you saturate the color by 10%, you get **387266**, and if you desaturate by 10%, it is **4E726A**.

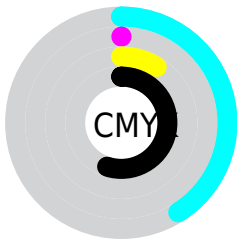
# Distribution



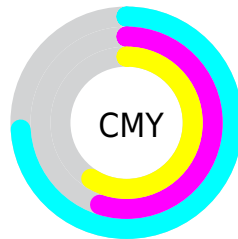
- Red (26%)
- Green (45%)
- Blue (41%)



- Red (26%)
- Yellow (36%)
- Blue (45%)



- Cyan (41%)
- Magenta (0%)
- Yellow (9%)
- Black (55%)



- Cyan (74%)
- Magenta (55%)
- Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 437268 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 437268 by changing the saturation by 10% instead.



 437268

 437268

FFFFFF

 2A5950

 76A69B

 114239

 90C1B6

 002B24

 ABDDD1

 00190E

 C7FAEE

 000000

 E3FFFF

 437268

 437268

 387266

 4E726A

 2C7263

 5A726D

■ 217261

■ 65726F

■ 15725E

■ 717272

■ 0A725C

■ 7C7274

■ 00725A

■ 877277

■ 937279

■ 9E727B

■ AA727E

# Harmonies

## Analogous

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



537059



437268



3B7278

# Triad

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



437268



6B6685



826350

# Complementary

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



437268



72434D

# 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.



885F5B



437268



7D617A

# Square

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



437268



556B88



875E6B



75684A

# Rectangle

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



437268



3E7080



875E6B



856153



# Sweetspot

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



437268



829490



4D7243



404A48



C9C9C9



4A4A4A



# Same Dimension

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



437268



4B9484



436572



323837



00785E



00F7C3



# Inverse Universe

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



72434D



944B5B



725043



383234



78001A



F70035



# Previews

## White Background



This preview shows how the Hex color 437268 looks on a white background.

## Color Contrast Check

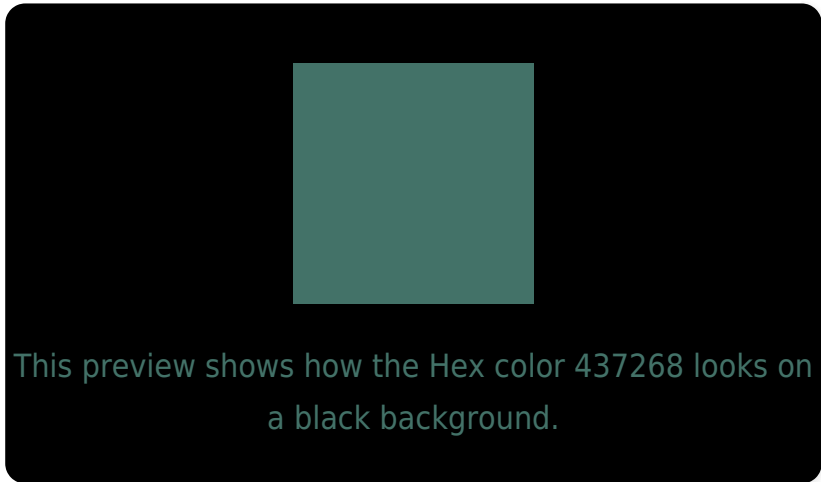
Large Text (above 18pt) WCAG AA ✓ Pass

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

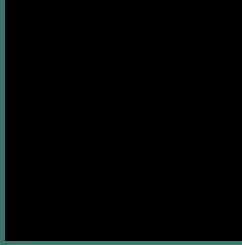
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 437268 Background



This preview shows how black text looks on a background with the Hex color 437268.

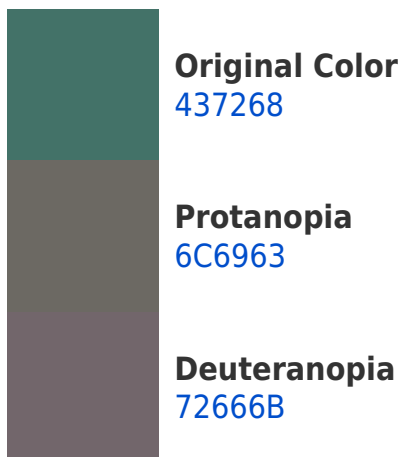


This preview shows how white text looks on a background with the Hex color 437268.

# 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](#).

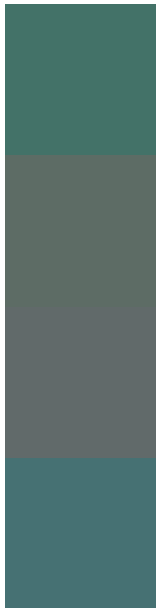
## Dichromacy





**Tritanopia**  
477079

# Trichromacy



**Original Color**  
437268

**Protanomaly**  
5D6C65

**Deuteranomaly**  
616A6A

**Tritanomaly**  
467173

# Monochromacy



**Original Color**  
437268

**Achromatopsia**  
636363

**Achromatomaly**  
576865

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 437268 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 #437268 looks like.

```
.text, #text, p{  
    color:#437268  
}
```

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 #437268 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #437268
}
```

## Border

The CSS property to change the border of an element to Hex 437268 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
#437268 }
```

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

```
.border{ border-color:#437268 }
```

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

Here you see how a box with a 4 pixel #437268 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #437268; -webkit-box-shadow:4px 4px  
4px 4px #437268; box-shadow:4px 4px 4px  
4px #437268 }
```

# Background

The CSS property to change the background color of an element to Hex 437268 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#437268 }
```

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

```
.background{ background-color:#437268 }
```

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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