

# Converting Colors

Hex(467572)

Have a look what the booklet for  
Hex(467572) contains.

<b>Hex(467572)</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(467572)

# Conversions

## Conversions Part 1

Format	Color
Hex	467572
RGB	70, 117, 114
RGB Percent	27%, 46%, 45%
CMY	0.7255, 0.5412, 0.5529
CMYK	0.40, 0.00, 0.03, 0.54
HSL	176°, 25%, 37%
HSV	176°, 40%, 46%
XYZ	11.9243, 15.2396, 18.2326
YIQ	102.6050, -27.0490, -10.8970

# Conversions

## Conversions Part 2

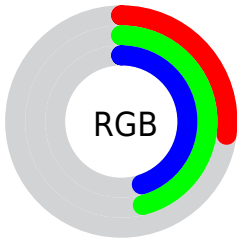
<b>Format</b>	<b>Color</b>
<b>RYB</b>	70, 94, 117
Decimal	4617586
CIELab	45.96, -16.77, -3.41
CIELCh	46, 17.110, 191.490
Yxy	15.2396, 0.2627, 0.3357
Android (android.graphics.Color)	4282807666 (0xFF467572)
YUV	102.6050, 5.6177, -28.5946
Hunter-Lab	39.0379, -13.7925, -0.3649

# Details

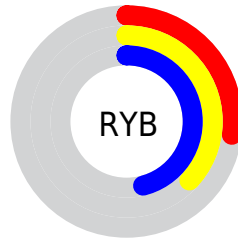
The Hex color **467572** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **754649**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **79A9A6**, and **134542** is the 20% darker color. If you saturate the color by 10%, you get **3A7571**, and if you desaturate by 10%, it is **527573**.

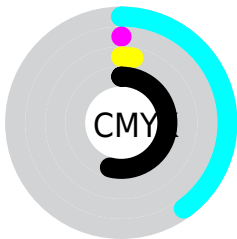
# Distribution



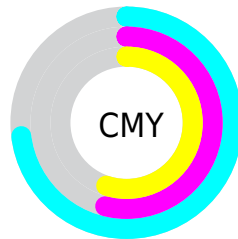
- Red (27%)
- Green (46%)
- Blue (45%)



- Red (27%)
- Yellow (37%)
- Blue (46%)



- Cyan (40%)
- Magenta (0%)
- Yellow (3%)
- Black (54%)



- Cyan (73%)
- Magenta (54%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 467572 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 467572 by changing the saturation by 10% instead.



■ 467572

■ 467572

FFFFFF

■ 2D5C5A

■ 79A9A6

■ 134542

■ 93C5C1

■ 002E2C

■ AFE1DD

■ 001B18

■ CBFDF9

■ 000000

■ E7FFFF

■ 467572

■ 467572

■ 3A7571

■ 527573

■ 2F7571

■ 5D7573

■ 237570

■ 697574

■ 17756F

■ 757575

■ 0C756E

■ 817576

■ 00756E

■ 8C7576

■ 987577

■ A47578

■ AF7579

# Harmonies

## Analogous

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



527463



467572



45747F

# Triad

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



467572



766782



7F6952

# Complementary

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



467572



754649

# 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.



88655B



467572



846476

# Square

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



467572



636C89



8A6368



726E51

# Rectangle

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



467572



4B7286



8A6368



836754



# Sweetspot

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



467572



879998



497546



424D4C



CCCCCC



4D4D4D



# Same Dimension

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



467572



509994



466175



353B3A



007A73



00FAEA



# Inverse Universe

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



754649



995054



755A46



3B3535



7A0008



FA0010



# Previews

## White Background



This preview shows how the Hex color 467572 looks on a white background.

## Color Contrast Check

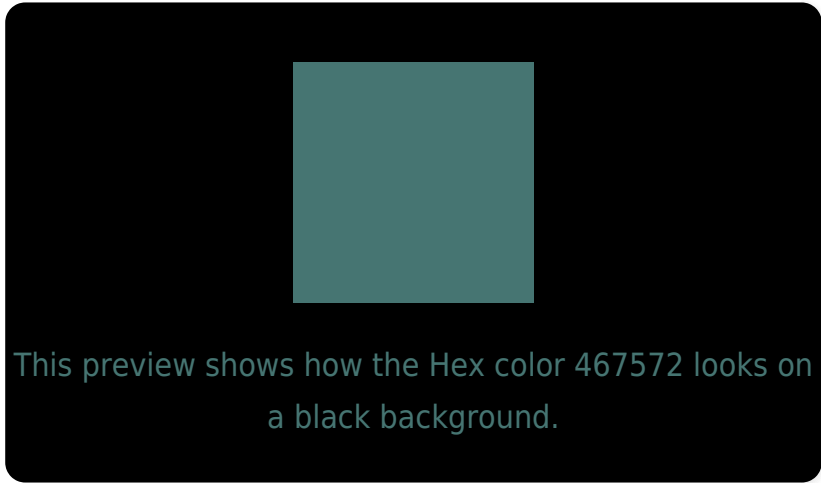
Large Text (above 18pt) WCAG AA ✓ Pass

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

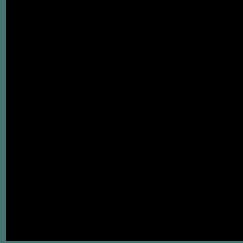
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 467572 Background



This preview shows how black text looks on a background with the Hex color 467572.

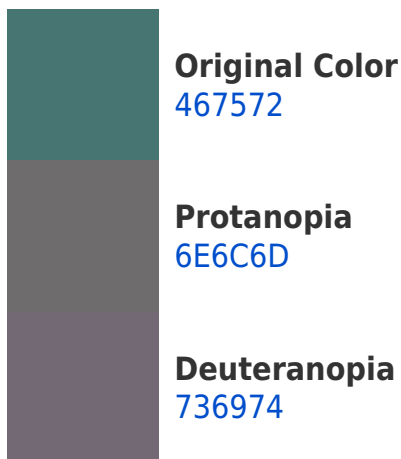


This preview shows how white text looks on a background with the Hex color 467572.

# 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](#).

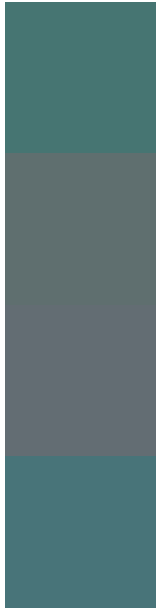
## Dichromacy





**Tritanopia**  
49737D

# Trichromacy



**Original Color**  
467572

**Protanomaly**  
5F6F6F

**Deuteranomaly**  
636D73

**Tritanomaly**  
487479

# Monochromacy



**Original Color**  
467572

**Achromatopsia**  
676767

**Achromatomaly**  
5B6C6B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 467572 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 #467572 looks like.

```
.text, #text, p{  
    color:#467572  
}
```

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 #467572 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #467572
}
```

## Border

The CSS property to change the border of an element to Hex 467572 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".

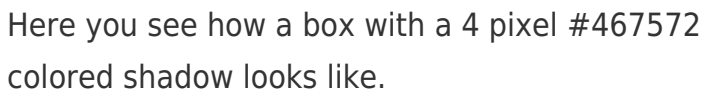
```
.border, #border, table{ border:4px solid
#467572 }
```

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

```
.border{ border-color:#467572 }
```

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

Here you see how a box with a 4 pixel #467572 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #467572; -webkit-box-shadow:4px 4px  
4px 4px #467572; box-shadow:4px 4px 4px  
4px #467572 }
```

# Background

The CSS property to change the background color of an element to Hex 467572 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#467572 }
```

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

```
.background{ background-color:#467572 }
```

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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