

# Converting Colors

Hex(4D756D)

Have a look what the booklet for  
Hex(4D756D) contains.

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# Color

**Hex(4D756D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4D756D
RGB	77, 117, 109
RGB Percent	30%, 46%, 43%
CMY	0.6980, 0.5412, 0.5725
CMYK	0.34, 0.00, 0.07, 0.54
HSL	168°, 21%, 38%
HSV	168°, 34%, 46%
XYZ	12.1822, 15.4045, 16.7993
YIQ	104.1280, -21.2720, -10.9680

# Conversions

## Conversions Part 2

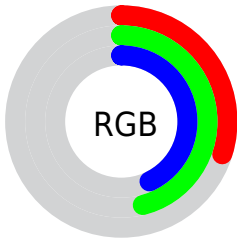
<b>Format</b>	<b>Color</b>
<b>RYB</b>	77, 99, 117
Decimal	5076333
CIELab	46.18, -15.94, -0.06
CIElCh	46, 15.936, 180.202
Yxy	15.4045, 0.2745, 0.3471
Android (android.graphics.Color)	4283266413 (0xFF4D756D)
YUV	104.1280, 2.4019, -23.7913
Hunter-Lab	39.2486, -13.2812, 2.0965

# Details

The Hex color **4D756D** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **754D55**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **80A9A0**, and **1D453E** is the 20% darker color. If you saturate the color by 10%, you get **41756B**, and if you desaturate by 10%, it is **59756F**.

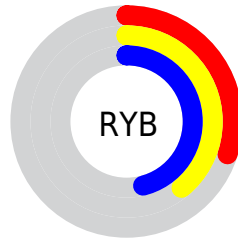
# Distribution



Red (30%)

Green (46%)

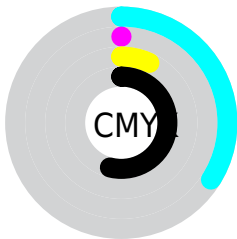
Blue (43%)



Red (30%)

Yellow (39%)

Blue (46%)

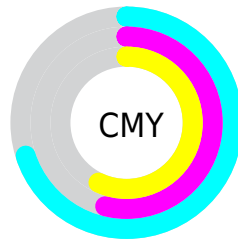


Cyan (34%)

Magenta (0%)

Yellow (7%)

Black (54%)



Cyan (70%)

Magenta (54%)

Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4D756D 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 4D756D by changing the saturation by 10% instead.



 4D756D

 4D756D

FFFFFF

 355C55

 80A9A0

 1D453E

 9AC5BB

 042E28

 B5E1D7

 001A13

 D1FDF4

 000000

 EEEFFF

 4D756D

 4D756D

 41756B

 59756F

 367568

 647572

■ 2A7566

■ 707574

■ 1E7564

■ 7C7576

■ 137561

■ 877579

■ 07755F

■ 93757B

■ 00755E

■ 9F757D

■ AB7580

■ B67582

# Harmonies

## Analogous

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



5A7460



4D756D



48757A

# Triad

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



4D756D



706A84



836857

# Complementary

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



4D756D



754D55

# 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.



896561



4D756D



7F667B

# Square

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



4D756D



5E6F88



87646E



776D53

# Rectangle

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



4D756D



4B7381



87646E



856759



# Sweetspot

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



4D756D



8A9996



55754D



434D4B



CCCCCC



4D4D4D



# Same Dimension

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



4D756D



5A998C



4D6975



353B39



007A62



00FAC8



# Inverse Universe

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



754D55



995A67



75594D



3B3536



7A0018



FA0032



# Previews

## White Background



This preview shows how the Hex color 4D756D 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

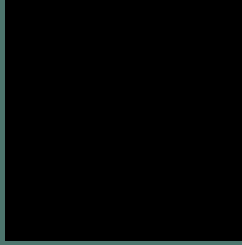
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4D756D Background



This preview shows how black text looks on a background with the Hex color 4D756D.



This preview shows how white text looks on a background with the Hex color 4D756D.

# 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**  
4D756D

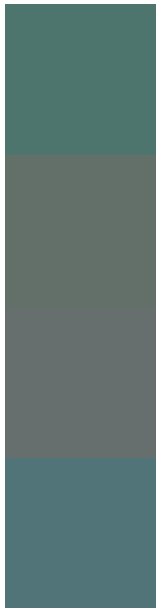
**Protanopia**  
706D68

**Deuteranopia**  
766A6F



**Tritanopia**  
51737C

# Trichromacy



**Original Color**  
4D756D

**Protanomaly**  
63706A

**Deuteranomaly**  
676E6E

**Tritanomaly**  
507477

# Monochromacy



**Original Color**  
4D756D

**Achromatopsia**  
686868

**Achromatomaly**  
5E6D6A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4D756D 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 #4D756D looks like.

```
.text, #text, p{  
    color:#4D756D  
}
```

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 #4D756D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D756D
}
```

## Border

The CSS property to change the border of an element to Hex 4D756D 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
#4D756D }
```

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

```
.border{ border-color:#4D756D }
```

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

Here you see how a box with a 4 pixel #4D756D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D756D; -webkit-box-shadow:4px 4px  
4px 4px #4D756D; box-shadow:4px 4px 4px  
4px #4D756D }
```

# Background

The CSS property to change the background color of an element to Hex 4D756D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D756D }
```

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

```
.background{ background-color:#4D756D }
```

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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