

# Converting Colors

Hex(726A67)

Have a look what the booklet for  
Hex(726A67) contains.

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# Color

**Hex(726A67)**

# Conversions

## Conversions Part 1

Format	Color
Hex	726A67
RGB	114, 106, 103
RGB Percent	45%, 42%, 40%
CMY	0.5529, 0.5843, 0.5961
CMYK	0.00, 0.07, 0.10, 0.55
HSL	16°, 5%, 43%
HSV	16°, 10%, 45%
XYZ	14.5416, 14.8647, 14.9347
YIQ	108.0500, 5.7310, 0.7630

# Conversions

## Conversions Part 2

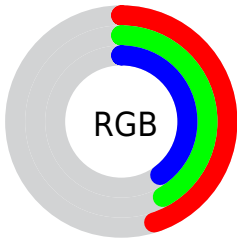
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	114, 107, 103
Decimal	7498343
CIE Lab	45.45, 2.56, 2.80
CIE LCh	45, 3.793, 47.617
Yxy	14.8647, 0.3279, 0.3352
Android (android.graphics.Color)	4285688423 (0xFF726A67)
YUV	108.0500, -2.4896, 5.2182
Hunter-Lab	38.5548, -0.1465, 4.0216

# Details

The Hex color **726A67** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **676F72**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **A69D9A**, and **423B38** is the 20% darker color. If you saturate the color by 10%, you get **72625C**, and if you desaturate by 10%, it is **727272**.

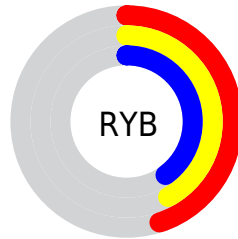
# Distribution



Red (45%)

Green (42%)

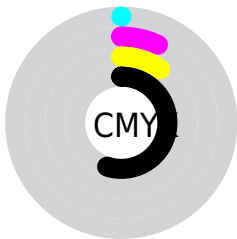
Blue (40%)



Red (45%)

Yellow (42%)

Blue (40%)

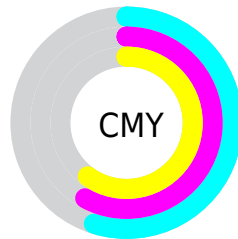


Cyan (0%)

Magenta (7%)

Yellow (10%)

Black (55%)



Cyan (55%)

Magenta (58%)

Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 726A67 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 726A67 by changing the saturation by 10% instead.



■ 726A67

FFFFFF

■ A69D9A

■ C1B8B5

■ DDD4D0

■ F9F0ED

■ 726A67

■ 59524F

■ 423B38

■ 2C2523

■ 18100D

■ 000000

■ 726A67

■ 72625C

■ 725950

■ 725145

■ 726A67

■ 727272

■ 727B7E

■ 728389

724939

728B95

72412E

7293A0

723823

729CAB

723017

72A4B7

72280C

72ACC2

721F00

72B5CE

# Harmonies

## Analogous

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



736A6A



726A67



706B65

# Triad

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



726A67



666D6A



6B6B72

# Complementary

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



726A67



676F72

# 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.



676C72



726A67



646D6D

# Square

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



726A67



696D67



656D70



6E6A70

# Rectangle

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



726A67



6D6C65



656D70



696C72



# Sweetspot

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



726A67



94918F



72676F



4A4847



C9C9C9



4A4A4A



# Same Dimension

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



726A67



948782



726F67



383432



782100



F74300



# Inverse Universe

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



676F72



828F94



676A72



323738



005778



00B4F7



# Previews

## White Background



This preview shows how the Hex color 726A67 looks on a white background.

## Color Contrast Check

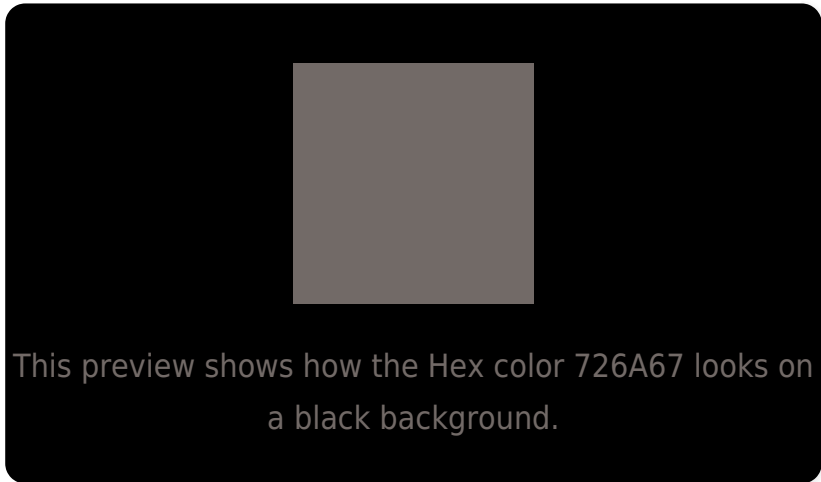
Large Text (above 18pt) WCAG AA ✓ Pass

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

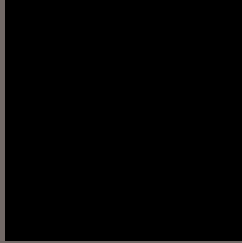
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 726A67 Background



This preview shows how black text looks on a background with the Hex color 726A67.



This preview shows how white text looks on a background with the Hex color 726A67.

# 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](#).

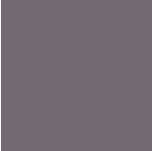
## Dichromacy



**Original Color**  
726A67

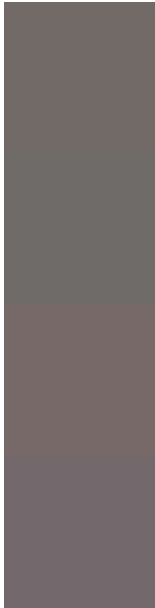
**Protanopia**  
6E6B68

**Deuteranopia**  
786867



**Tritanopia**  
736971

# Trichromacy



**Original Color**

726A67

**Protanomaly**

6F6B68

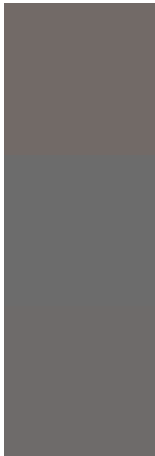
**Deuteranomaly**

766967

**Tritanomaly**

73696D

# Monochromacy



**Original Color**

726A67

**Achromatopsia**

6C6C6C

**Achromatomaly**

6E6B6A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 726A67 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 #726A67 looks like.

```
.text, #text, p{  
    color:#726A67  
}
```

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 #726A67 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #726A67
}
```

## Border

The CSS property to change the border of an element to Hex 726A67 is called "border". The border property can be set on classes, ids or directly on the HTML element.

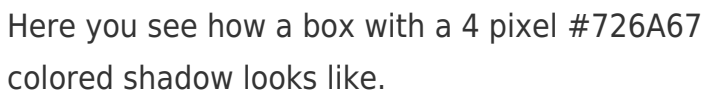
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#726A67 }
```

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

```
.border{ border-color:#726A67 }
```

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



Here you see how a box with a 4 pixel #726A67 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #726A67; -webkit-box-shadow:4px 4px  
4px 4px #726A67; box-shadow:4px 4px 4px  
4px #726A67 }
```

# Background

The CSS property to change the background color of an element to Hex 726A67 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#726A67 }
```

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

```
.background{ background-color:#726A67 }
```

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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