

# Converting Colors

Hex(764D66)

Have a look what the booklet for  
Hex(764D66) contains.

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# Color

**Hex(764D66)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	764D66
RGB	118, 77, 102
RGB Percent	46%, 30%, 40%
CMY	0.5373, 0.6980, 0.6000
CMYK	0.00, 0.35, 0.14, 0.54
HSL	323°, 21%, 38%
HSV	323°, 35%, 46%
XYZ	12.5234, 10.1186, 13.8634
YIQ	92.1090, 16.4110, 16.4670

# Conversions

## Conversions Part 2

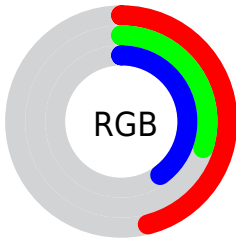
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	118, 77, 102
Decimal	7753062
CIE Lab	38.05, 21.43, -7.42
CIE LCh	38, 22.682, 340.909
Yxy	10.1186, 0.3431, 0.2772
Android (android.graphics.Color)	4285943142 (0xFF764D66)
YUV	92.1090, 4.8763, 22.7064
Hunter-Lab	31.8098, 14.6075, -3.5731

# Details

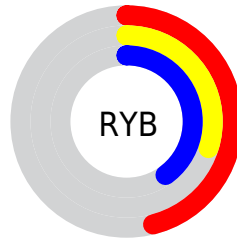
The Hex color **764D66** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **4D765D**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **AB7F99**, and **451F37** is the 20% darker color. If you saturate the color by 10%, you get **764161**, and if you desaturate by 10%, it is **76596B**.

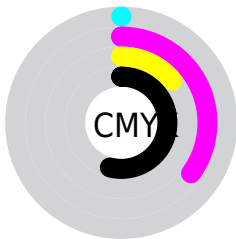
# Distribution



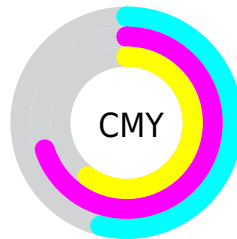
- Red (46%)
- Green (30%)
- Blue (40%)



- Red (46%)
- Yellow (30%)
- Blue (40%)



- Cyan (0%)
- Magenta (35%)
- Yellow (14%)
- Black (54%)



- Cyan (54%)
- Magenta (70%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 764D66 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 764D66 by changing the saturation by 10% instead.



 764D66

 764D66

FFFFFF

 5D364E

 AB7F99

 451F37

 C699B4

 2D0A22

 E3B4CF

 18000A

 FFCFEC

 000000

 FFECFF

 764D66

 764D66

 764161

 76596B

 76355D

 76656F

762A58

767074

761E54

767C78

76124F

76887D

76064A

769482

760048

76A086

76AB8B

76B78F

# Harmonies

## Analogous

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



645275



764D66



7D4B53

# Triad

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



764D66



5F5B35



136271

# Complementary

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



764D66



4D765D

# 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.



1D6460



764D66



4B603D

# Square

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



764D66



705437



34634D



2C5F7C

# Rectangle

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



764D66



7D4D48



34634D



12636C



# Sweetspot

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



764D66



998A93



5D4D76



4D4349



CCCCCC



4D4D4D



# Same Dimension

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



764D66



995980



764D52



3B3538



7A004B



FA0098



# Inverse Universe

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



764D66



995980



4D7671



3B3538



7A004B

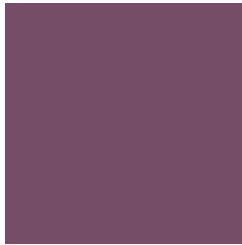


FA0098



# Previews

## White Background



This preview shows how the Hex color 764D66 looks on a white background.

## Color Contrast Check

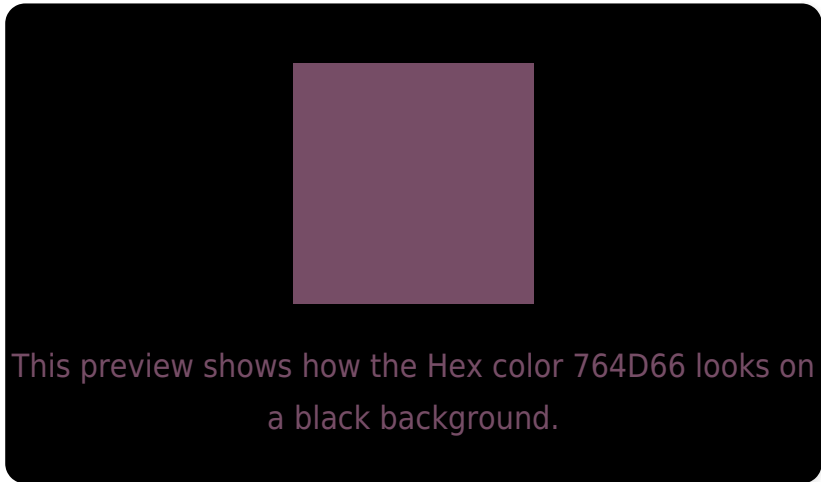
Large Text (above 18pt) WCAG AA ✓ Pass

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

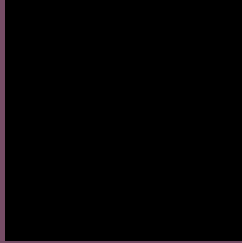
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 764D66 Background



This preview shows how black text looks on a background with the Hex color 764D66.



This preview shows how white text looks on a background with the Hex color 764D66.

# 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**  
764D66

**Protanopia**  
55596E

**Deuteranopia**  
5E5864



**Tritanopia**  
745056

# Trichromacy



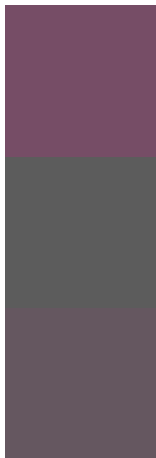
**Original Color**  
764D66

**Protanomaly**  
61556B

**Deuteranomaly**  
675465

**Tritanomaly**  
754F5C

# Monochromacy



**Original Color**  
764D66

**Achromatopsia**  
5C5C5C

**Achromatomaly**  
655760

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 764D66 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 #764D66 looks like.

```
.text, #text, p{  
    color:#764D66  
}
```

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 #764D66 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #764D66
}
```

## Border

The CSS property to change the border of an element to Hex 764D66 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".

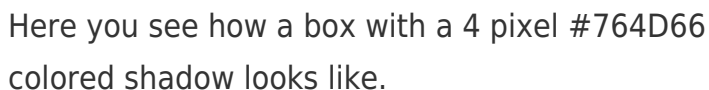
```
.border, #border, table{ border:4px solid
#764D66 }
```

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

```
.border{ border-color:#764D66 }
```

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

Here you see how a box with a 4 pixel #764D66 colored shadow looks like.

A rectangular box with a dark purple border and a dark purple shadow. The box is white with a thin dark purple border on the top and left sides, and a thicker dark purple shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #764D66; -webkit-box-shadow:4px 4px  
4px 4px #764D66; box-shadow:4px 4px 4px  
4px #764D66 }
```

# Background

The CSS property to change the background color of an element to Hex 764D66 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#764D66 }
```

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

```
.background{ background-color:#764D66 }
```

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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