

# Converting Colors

Hex(747467)

Have a look what the booklet for  
Hex(747467) contains.

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# Color

Hex(747467)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	747467
RGB	116, 116, 103
RGB Percent	45%, 45%, 40%
CMY	0.5451, 0.5451, 0.5961
CMYK	0.00, 0.00, 0.11, 0.55
HSL	60°, 6%, 43%
HSV	60°, 11%, 45%
XYZ	15.8960, 17.1831, 15.3108
YIQ	114.5180, 4.1730, -4.0430

# Conversions

## Conversions Part 2

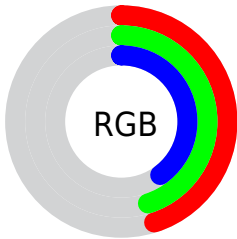
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	103, 116, 103
Decimal	7631975
CIE <sub>Lab</sub>	48.49, -2.50, 7.19
CIE <sub>LCh</sub>	48, 7.608, 109.149
Yxy	17.1831, 0.3285, 0.3551
Android (android.graphics.Color)	4285822055 (0xFF747467)
YUV	114.5180, -5.6784, 1.2997
Hunter-Lab	41.4525, -4.0913, 7.1175

# Details

The Hex color **747467** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **676774**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **A8A89A**, and **444438** is the 20% darker color. If you saturate the color by 10%, you get **74745B**, and if you desaturate by 10%, it is **747473**.

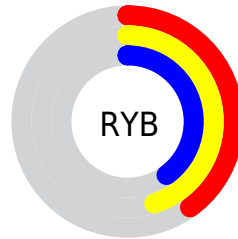
# Distribution



Red (45%)

Green (45%)

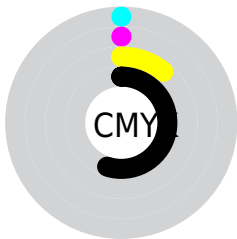
Blue (40%)



Red (40%)

Yellow (45%)

Blue (40%)

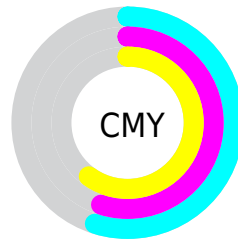


Cyan (0%)

Magenta (0%)

Yellow (11%)

Black (55%)



Cyan (55%)

Magenta (55%)

Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 747467 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 747467 by changing the saturation by 10% instead.





747467



747467

FFFFFF



5B5B4F



A8A89A



444438



C3C3B5



2E2E23



DFDFD0



19190D



FCFCED



000000



747467



747467



74745B



747473



747450



74747E



747444



74748A

 747439

 747495

 74742D

 7474A1

 747421

 7474AD

 747416

 7474B8

 74740A

 7474C4

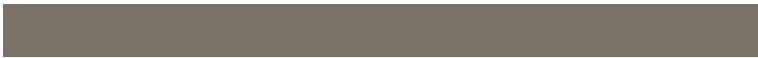
 747400

 7474CF

# Harmonies

## Analogous

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



7B7267



747467



6D766B

# Triad

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



747467



64767D



7F6F76

# Complementary

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



747467



676774

# 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.



79707C



747467



6A7480

# Square

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



747467



637777



72727F



816F6F

# Rectangle

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



747467



68776E



72727F



7D6F78



# Sweetspot

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



747467



969692



746767



4D4D49



CCCCCC



4D4D4D



# Same Dimension

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



747467



969683



6E7467



3B3B35



7A7A00



FAFA00



# Inverse Universe

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



676774



838396



6E6774



35353B



00007A

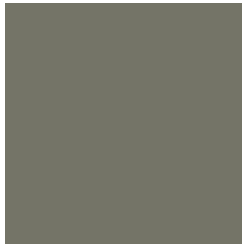


0000FA



# Previews

## White Background



This preview shows how the Hex color 747467 looks on a white background.

## Color Contrast Check

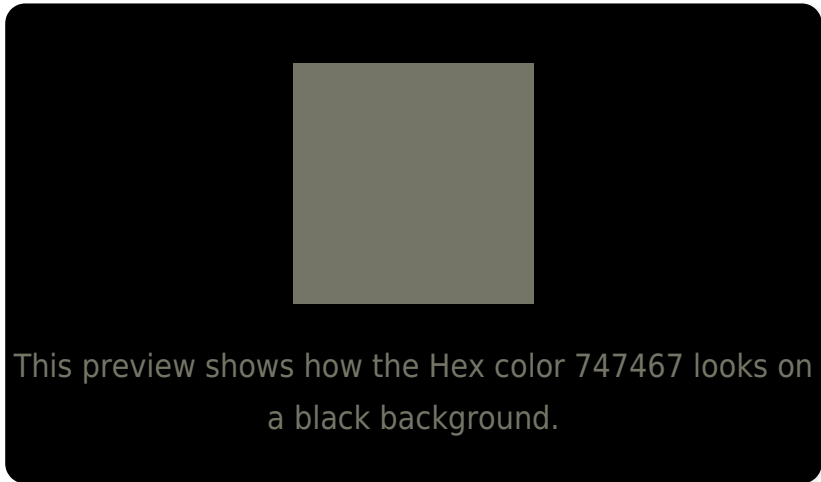
Large Text (above 18pt) WCAG AA ✓ Pass

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

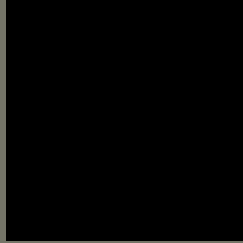
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 747467 Background



This preview shows how black text looks on a background with the Hex color 747467.



This preview shows how white text looks on a background with the Hex color 747467.

# 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**  
747467

**Protanopia**  
787366

**Deuteranopia**  
826F68



**Tritanopia**  
77717A

# Trichromacy



**Original Color**

747467

**Protanomaly**

777366

**Deuteranomaly**

7D7168

**Tritanomaly**

767273

# Monochromacy



**Original Color**

747467

**Achromatopsia**

737373

**Achromatomaly**

73736F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 747467 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 #747467 looks like.

```
.text, #text, p{  
    color:#747467  
}
```

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 #747467 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #747467
}
```

## Border

The CSS property to change the border of an element to Hex 747467 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
#747467 }
```

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

```
.border{ border-color:#747467 }
```

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

Here you see how a box with a 4 pixel #747467 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #747467; -webkit-box-shadow:4px 4px  
4px 4px #747467; box-shadow:4px 4px 4px  
4px #747467 }
```

# Background

The CSS property to change the background color of an element to Hex 747467 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#747467 }
```

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

```
.background{ background-color:#747467 }
```

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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