

# Converting Colors

Hex(747682)

Have a look what the booklet for  
Hex(747682) contains.

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# Color

Hex(747682)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	747682
RGB	116, 118, 130
RGB Percent	45%, 46%, 51%
CMY	0.5451, 0.5373, 0.4902
CMYK	0.11, 0.09, 0.00, 0.49
HSL	231°, 6%, 48%
HSV	231°, 11%, 51%
XYZ	17.7102, 18.2816, 23.7144
YIQ	118.7700, -5.0440, 3.3080

# Conversions

## Conversions Part 2

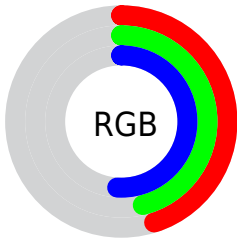
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	116, 118, 130
Decimal	7632514
CIE Lab	49.84, 1.81, -6.82
CIE LCh	50, 7.057, 284.837
Yxy	18.2816, 0.2966, 0.3062
Android (android.graphics.Color)	4285822594 (0xFF747682)
YUV	118.7700, 5.5364, -2.4293
Hunter-Lab	42.7570, -0.8890, -2.9542

# Details

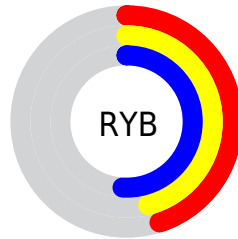
The Hex color **747682** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **828074**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **A8AAB7**, and **444651** is the 20% darker color. If you saturate the color by 10%, you get **676B82**, and if you desaturate by 10%, it is **818182**.

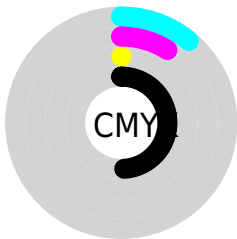
# Distribution



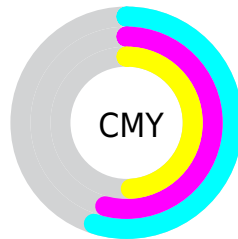
- Red (45%)
- Green (46%)
- Blue (51%)



- Red (45%)
- Yellow (46%)
- Blue (51%)



- Cyan (11%)
- Magenta (9%)
- Yellow (0%)
- Black (49%)



- Cyan (55%)
- Magenta (54%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 747682 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 747682 by changing the saturation by 10% instead.



■ 747682

■ 747682

FFFFFF

■ 5B5D69

■ A8AAB7

■ 444651

■ C3C5D3

■ 2E303A

■ DFE1EF

■ 191B24

■ FCFEFF

■ 00000F

■ 000000

■ 747682

■ 747682

■ 676B82

■ 818182

■ 5A6082

■ 8E8C82

■ 4D5582

■ 9B9782

■ 404982

■ A8A382

■ 333E82

■ B5AE82

■ 263382

■ C2B982

■ 192882

■ CFC482

■ 0C1D82

■ DCCF82

■ 001382

■ E9DA82

# Harmonies

## Analogous

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



6D7882



747682



7B747F

# Triad

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



747682



83736E



6B7A73

# Complementary

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



747682



828074

# 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.



71796E



747682



7F756B

# Square

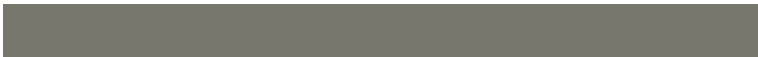
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



747682



847374



78776B



687A79

# Rectangle

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



747682



7F737C



78776B



6D7A71



# Sweetspot

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



747682



A3A4A8



748280



515154



D4D4D4



545454



# Same Dimension

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



747682



9296A8



797482



393A40



001280



000000



# Inverse Universe

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



827476



A89296



7D8274



40393A



800012



000000



# Previews

## White Background



This preview shows how the Hex color 747682 looks on a white background.

## Color Contrast Check

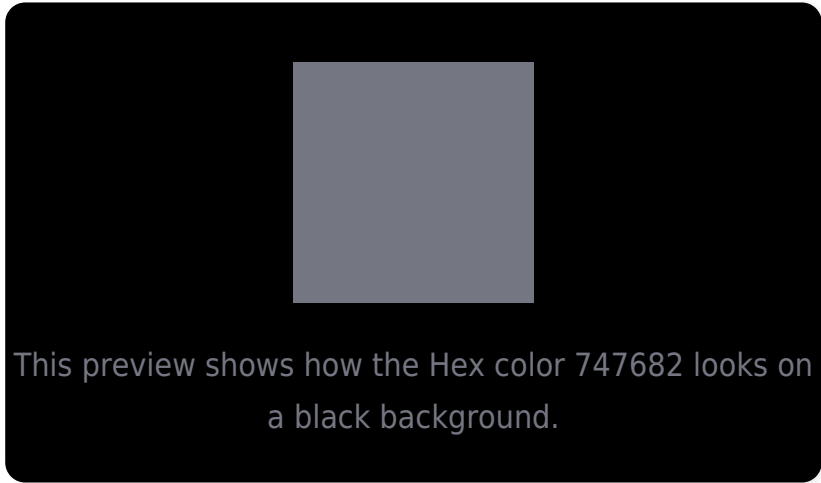
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

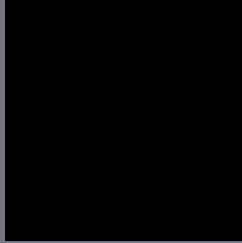
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

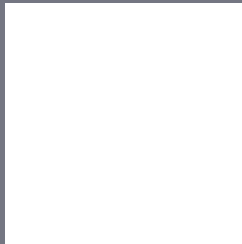
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 747682 Background



This preview shows how black text looks on a background with the Hex color 747682.

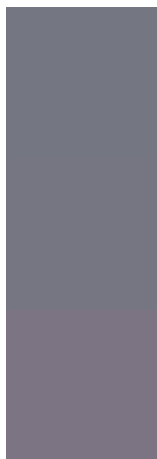


This preview shows how white text looks on a background with the Hex color 747682.

# 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**

747682

**Protanopia**

757682

**Deuteranopia**

7C7383



**Tritanopia**  
747680

# Trichromacy



**Original Color**

747682

**Protanomaly**

757682

**Deuteranomaly**

797483

**Tritanomaly**

747681

# Monochromacy



**Original Color**

747682

**Achromatopsia**

777777

**Achromatomaly**

76777B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 747682 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 #747682 looks like.

```
.text, #text, p{  
    color:#747682  
}
```

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 #747682 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #747682
}
```

## Border

The CSS property to change the border of an element to Hex 747682 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
#747682 }
```

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

```
.border{ border-color:#747682 }
```

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

Here you see how a box with a 4 pixel #747682 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #747682; -webkit-box-shadow:4px 4px  
4px 4px #747682; box-shadow:4px 4px 4px  
4px #747682 }
```

# Background

The CSS property to change the background color of an element to Hex 747682 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#747682 }
```

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

```
.background{ background-color:#747682 }
```

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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