

Converting Colors

Hex(62747A)

Have a look what the booklet for
Hex(62747A) contains.

Hex(62747A)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(62747A)

Conversions

Conversions Part 1

Format	Color
Hex	62747A
RGB	98, 116, 122
RGB Percent	38%, 45%, 48%
CMY	0.6157, 0.5451, 0.5216
CMYK	0.20, 0.05, 0.00, 0.52
HSL	195°, 11%, 43%
HSV	195°, 20%, 48%
XYZ	14.7952, 16.4926, 20.8159
YIQ	111.3020, -12.6540, -1.9500

Conversions

Conversions Part 2

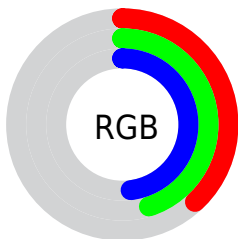
Format	Color
R_{YB}	98, 108, 122
Decimal	6452346
CIE _{Lab}	47.61, -5.23, -5.54
CIE _{LCh}	48, 7.617, 226.608
Yxy	16.4926, 0.2840, 0.3165
Android (android.graphics.Color)	4284642426 (0xFF62747A)
YUV	111.3020, 5.2741, -11.6659
Hunter-Lab	40.6111, -6.0391, -1.9624

Details

The Hex color **62747A** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7A6862**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **95A8AE**, and **334449** is the 20% darker color. If you saturate the color by 10%, you get **56717A**, and if you desaturate by 10%, it is **6E777A**.

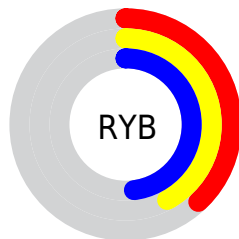
Distribution



Red (38%)

Green (45%)

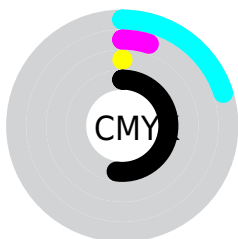
Blue (48%)



Red (38%)

Yellow (42%)

Blue (48%)

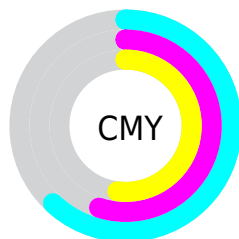


Cyan (20%)

Magenta (5%)

Yellow (0%)

Black (52%)



Cyan (62%)

Magenta (55%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 62747A 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 62747A by changing the saturation by 10% instead.



62747A



62747A

FFFFFF



4A5B61



95A8AE



334449



B0C3CA



1D2E33



CBDFE6



07191E



E8FCFF



000003



000000



62747A



62747A



56717A



6E777A



4A6E7A



7A7A7A

■ 3D6B7A

■ 877D7A

■ 31687A

■ 93807A

■ 25657A

■ 9F837A

■ 19627A

■ AB867A

■ 0D5F7A

■ B7897A

■ 005C7A

■ C48C7A

■ 005B7A

■ D08F7A

Harmonies

Analogous

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



617574



62747A



67727D

Triad

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



62747A



7C6D74



727265

Complementary

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



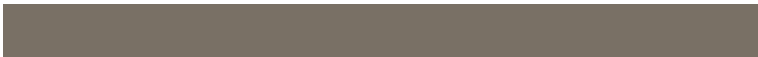
62747A



7A6862

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.



797065



62747A



7F6D6E

Square

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



62747A



776E7A



7E6E68



6B7368

Rectangle

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



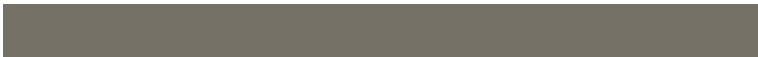
62747A



6C717E



7E6E68



757164

Sweetspot

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



62747A



959C9E



627A68



4A4E4F



CFCFCF



4F4F4F

Same Dimension

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



62747A



78959E



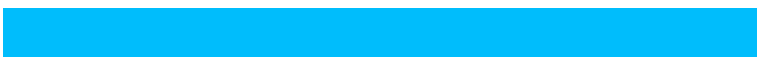
62687A



373C3D



005E7D



00BDFC

Inverse Universe

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



7A6274



9E7895



7A7462



3D373C



7D005E



FC00BD

Previews

White Background



This preview shows how the Hex color 62747A looks on a white background.

Color Contrast Check

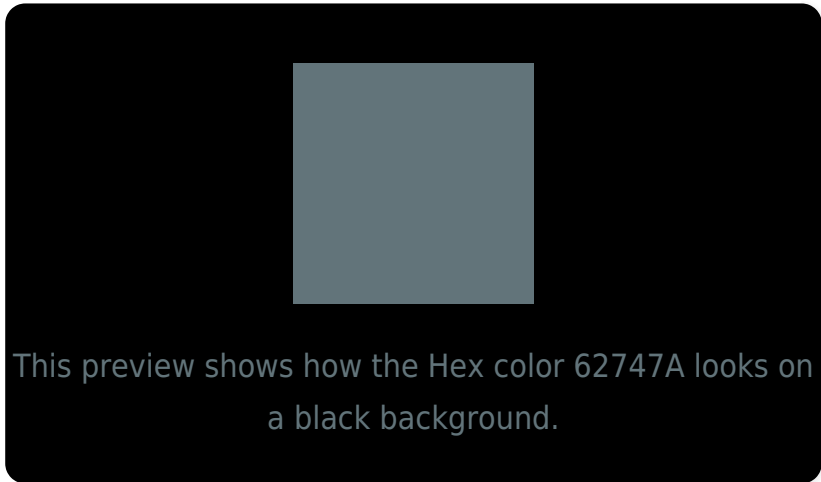
Large Text (above 18pt) WCAG AA ✓ Pass

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

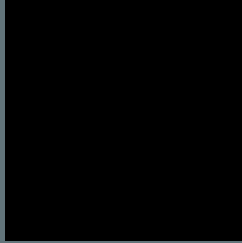
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

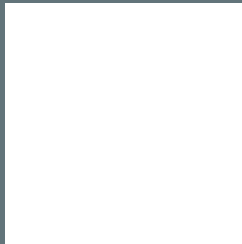
Any Text WCAG AAA × Fail

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

Hex 62747A Background



This preview shows how black text looks on a background with the Hex color 62747A.



This preview shows how white text looks on a background with the Hex color 62747A.

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
62747A

Protanopia
717078

Deuteranopia
776E7B



Tritanopia
63747D

Trichromacy



Original Color

62747A

Protanomaly

6C7179

Deuteranomaly

6F707B

Tritanomaly

63747C

Monochromacy



Original Color

62747A

Achromatopsia

6F6F6F

Achromatomaly

6A7173

CSS Examples

Text

The CSS property to change the color of the text to Hex 62747A 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 #62747A looks like.

```
.text, #text, p{  
    color:#62747A  
}
```

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 #62747A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #62747A
}
```

Border

The CSS property to change the border of an element to Hex 62747A is called "border". The border property can be set on classes, ids or directly on the HTML element.

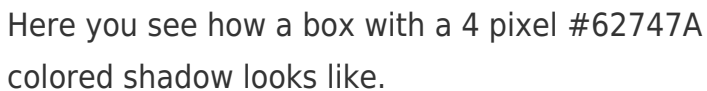
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#62747A }
```

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

```
.border{ border-color:#62747A }
```

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



Here you see how a box with a 4 pixel #62747A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #62747A; -webkit-box-shadow:4px 4px  
4px 4px #62747A; box-shadow:4px 4px 4px  
4px #62747A }
```

Background

The CSS property to change the background color of an element to Hex 62747A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#62747A }
```

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

```
.background{ background-color:#62747A }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor