

Converting Colors

Hex(2C747A)

Have a look what the booklet for
Hex(2C747A) contains.

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Color

Hex(2C747A)

Conversions

Conversions Part 1

Format	Color
Hex	2C747A
RGB	44, 116, 122
RGB Percent	17%, 45%, 48%
CMY	0.8275, 0.5451, 0.5216
CMYK	0.64, 0.05, 0.00, 0.52
HSL	185°, 47%, 33%
HSV	185°, 64%, 48%
XYZ	10.7969, 14.4314, 20.6288
YIQ	95.1560, -44.8380, -13.3980

Conversions

Conversions Part 2

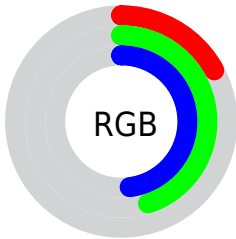
Format	Color
R_{YB}	44, 81, 122
Decimal	2913402
CIE _{Lab}	44.85, -20.11, -9.96
CIE _{LCh}	45, 22.443, 206.354
Yxy	14.4314, 0.2354, 0.3147
Android (android.graphics.Color)	4281103482 (0xFF2C747A)
YUV	95.1560, 13.2341, -44.8638
Hunter-Lab	37.9887, -15.7478, -5.6039




Details

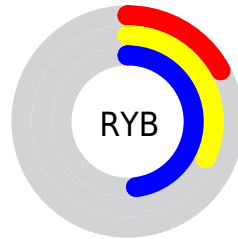
The Hex color **2C747A** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7A322C**, and the grayscale version is **5F5F5F**.




A 20% lighter version of the original color is **63A8AE**, and **004349** is the 20% darker color. If you saturate the color by 10%, you get **20737A**, and if you desaturate by 10%, it is **38757A**.

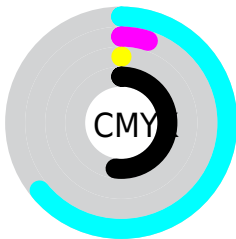
Distribution







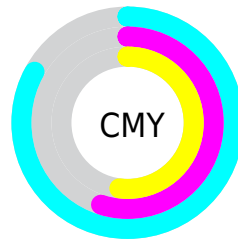
-  Red (17%)
-  Green (45%)
-  Blue (48%)






-  Red (17%)
-  Yellow (32%)
-  Blue (48%)



-  Cyan (64%)
-  Magenta (5%)
-  Yellow (0%)
-  Black (52%)



-  Cyan (83%)
-  Magenta (55%)
-  Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C747A 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 2C747A by changing the saturation by 10% instead.

 2C747A

 2C747A

FFFFFF

 065B61

 63A8AE

 004349

 7FC4CA

 002D33

 9AE0E6

 001A1E

 B6FCFF

 000003

 D3FFFF

 000000

 F0FFFF

 2C747A

 2C747A

 20737A

 38757A

■ 14727A

■ 44767A

■ 07717A

■ 51777A

■ 00717A

■ 5D787A

■ 69797A

■ 757A7A

■ 817B7A

■ 8E7C7A

■ 9A7C7A

Harmonies

Analogous

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



3B7467



2C747A



347189

Triad

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



2C747A



80607F



796845

Complementary

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



2C747A



7A322C

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.



88624C



2C747A



8D5C6D

Square

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



2C747A



69668B



8F5D5A



666E48

Rectangle

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



2C747A



446E8E



8F5D5A



7F6646

Sweetspot

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



2C747A



809C9E



2C7A31



3D4E4F



CFCFCF



4F4F4F

Same Dimension

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



2C747A



24959E



2C4E7A



373D3D



00737D



00E9FC

Inverse Universe

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



7A2C74



9E2495



7A582C



3D373D



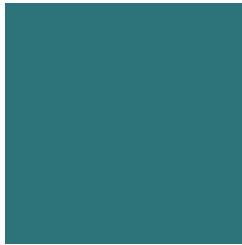
7D0073



FC00E9

Previews

White Background



This preview shows how the Hex color 2C747A looks on a white background.

Color Contrast Check

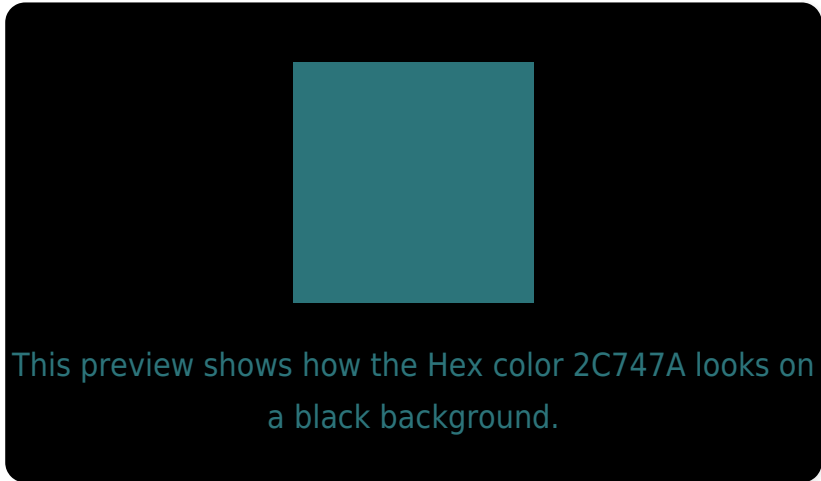
Large Text (above 18pt) WCAG AA ✓ Pass

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

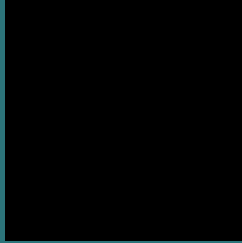
Any Text WCAG AA × Fail

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 2C747A Background



This preview shows how black text looks on a background with the Hex color 2C747A.



This preview shows how white text looks on a background with the Hex color 2C747A.

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
2C747A

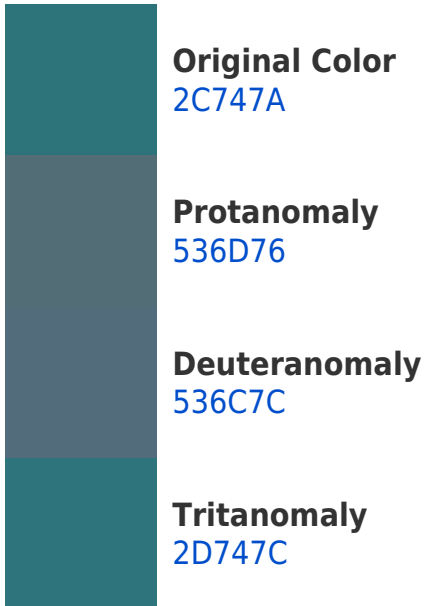
Protanopia
696973

Deuteranopia
6A677D



Tritanopia
2D747D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2C747A 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 #2C747A looks like.

```
.text, #text, p{  
    color:#2C747A  
}
```

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 #2C747A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C747A
}
```

Border

The CSS property to change the border of an element to Hex 2C747A 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
#2C747A }
```

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

```
.border{ border-color:#2C747A }
```

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

Here you see how a box with a 4 pixel #2C747A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C747A; -webkit-box-shadow:4px 4px  
4px 4px #2C747A; box-shadow:4px 4px 4px  
4px #2C747A }
```

Background

The CSS property to change the background color of an element to Hex 2C747A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C747A }
```

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

```
.background{ background-color:#2C747A }
```

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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