

Converting Colors

Hex(527A79)

Have a look what the booklet for
Hex(527A79) contains.

Hex(527A79)	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(527A79)

Conversions

Conversions Part 1

Format	Color
Hex	527A79
RGB	82, 122, 121
RGB Percent	32%, 48%, 47%
CMY	0.6784, 0.5216, 0.5255
CMYK	0.33, 0.00, 0.01, 0.52
HSL	178°, 20%, 40%
HSV	178°, 33%, 48%
XYZ	13.8904, 17.0934, 20.6564
YIQ	109.9260, -23.5190, -8.7910

Conversions

Conversions Part 2

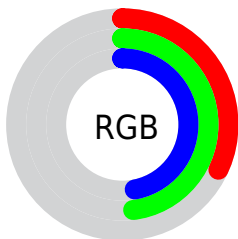
Format	Color
RYB	82, 102, 122
Decimal	5405305
CIELab	48.38, -14.12, -3.92
CIElCh	48, 14.657, 195.530
Yxy	17.0934, 0.2690, 0.3310
Android (android.graphics.Color)	4283595385 (0xFF527A79)
YUV	109.9260, 5.4595, -24.4911
Hunter-Lab	41.3441, -12.3816, -0.6816

Details

The Hex color **527A79** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7A5253**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **85AFAD**, and **224949** is the 20% darker color. If you saturate the color by 10%, you get **467A79**, and if you desaturate by 10%, it is **5E7A79**.

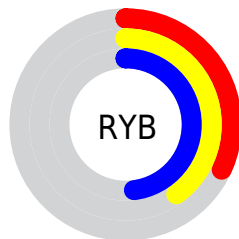
Distribution



Red (32%)

Green (48%)

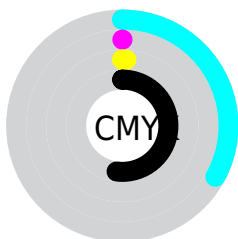
Blue (47%)



Red (32%)

Yellow (40%)

Blue (48%)

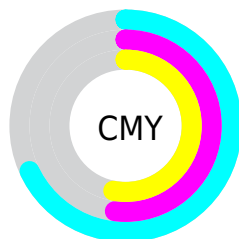


Cyan (33%)

Magenta (0%)

Yellow (1%)

Black (52%)



Cyan (68%)

Magenta (52%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 527A79 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 527A79 by changing the saturation by 10% instead.



527A79



527A79

FFFFFF



3A6160



85AFAD



224949



A0CAC9



073332



BBE6E5



001E1D



D7FFFF



000003



F4FFFF



000000



527A79



527A79



467A79



5E7A79



3A7A78



6A7A7A

■ 2D7A78

■ 777A7A

■ 217A78

■ 837A7A

■ 157A77

■ 8F7A7B

■ 097A77

■ 9B7A7B

■ 007A77

■ A77A7B

■ B47A7B

■ C07A7C

Harmonies

Analogous

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



5A7A6C



527A79



537984

Triad

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



527A79



7D6E84



82705B

Complementary

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



527A79



7A5253

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.



8A6C62



527A79



886B79

Square

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



527A79



6D728B



8D6A6D



76745B

Rectangle

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



527A79



597789



8D6A6D



856F5D

Sweetspot

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



527A79



8E9E9E



537A52



464F4F



CFCFCF



4F4F4F

Same Dimension

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



527A79



609E9D



52677A



373D3D



007D7A



00FCF6

Inverse Universe

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



7A5253



9E6062



7A6552



3D3737



7D0003



FC0006

Previews

White Background



This preview shows how the Hex color 527A79 looks on a white background.

Color Contrast Check

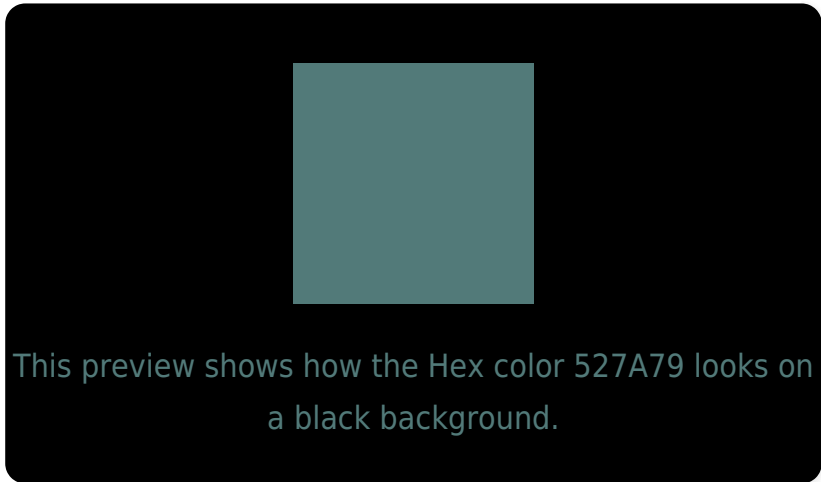
Large Text (above 18pt) WCAG AA ✓ Pass

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

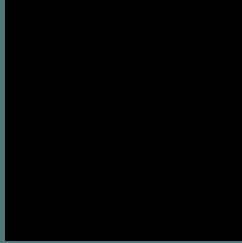
Any Text WCAG AA × Fail

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 527A79 Background



This preview shows how black text looks on a background with the Hex color 527A79.



This preview shows how white text looks on a background with the Hex color 527A79.

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
527A79

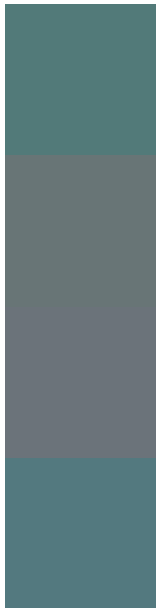
Protanopia
747274

Deuteranopia
7A6F7B



Tritanopia
547982

Trichromacy



Original Color
527A79

Protanomaly
687576

Deuteranomaly
6B737A

Tritanomaly
53797F

Monochromacy



Original Color
527A79

Achromatopsia
6E6E6E

Achromatomaly
647272

CSS Examples

Text

The CSS property to change the color of the text to Hex 527A79 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 #527A79 looks like.

```
.text, #text, p{  
    color:#527A79  
}
```

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 #527A79 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #527A79
}
```

Border

The CSS property to change the border of an element to Hex 527A79 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
#527A79 }
```

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

```
.border{ border-color:#527A79 }
```

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

Here you see how a box with a 4 pixel #527A79 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #527A79; -webkit-box-shadow:4px 4px  
4px 4px #527A79; box-shadow:4px 4px 4px  
4px #527A79 }
```

Background

The CSS property to change the background color of an element to Hex 527A79 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#527A79 }
```

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

```
.background{ background-color:#527A79 }
```

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