

# Converting Colors

Hex(527A69)

Have a look what the booklet for  
Hex(527A69) contains.

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# Color

Hex(527A69)

# Conversions

## Conversions Part 1

Format	Color
Hex	527A69
RGB	82, 122, 105
RGB Percent	32%, 48%, 41%
CMY	0.6784, 0.5216, 0.5882
CMYK	0.33, 0.00, 0.14, 0.52
HSL	154°, 20%, 40%
HSV	154°, 33%, 48%
XYZ	12.9890, 16.7328, 15.9098
YIQ	108.1020, -18.3830, -13.7670

# Conversions

## Conversions Part 2

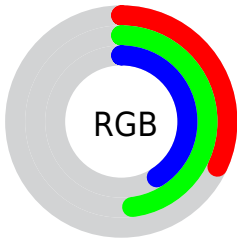
Format	Color
<b>RYB</b>	82, 107, 122
Decimal	5405289
CIELab	47.92, -17.98, 4.87
CIELCh	48, 18.629, 164.850
Yxy	16.7328, 0.2846, 0.3667
Android (android.graphics.Color)	4283595369 (0xFF527A69)
YUV	108.1020, -1.5293, -22.8915
Hunter-Lab	40.9058, -14.9051, 5.5740

# Details

The Hex color **527A69** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7A5263**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **85AF9C**, and **22493A** is the 20% darker color. If you saturate the color by 10%, you get **467A64**, and if you desaturate by 10%, it is **5E7A6E**.

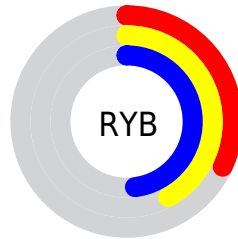
# Distribution



Red (32%)

Green (48%)

Blue (41%)



Red (32%)

Yellow (42%)

Blue (48%)

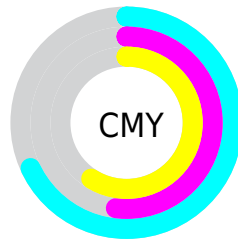


Cyan (33%)

Magenta (0%)

Yellow (14%)

Black (52%)



Cyan (68%)

Magenta (52%)

Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 527A69 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 527A69 by changing the saturation by 10% instead.



■ 527A69

■ 527A69

FFFFFF

■ 3A6151

■ 85AF9C

■ 22493A

■ 9FCAB7

■ 0A3224

■ BAE6D3

■ 001E0F

■ D6FFE7

■ 000000

■ F3FFFF

■ 527A69

■ 527A69

■ 467A64

■ 5E7A6E

■ 3A7A5F

■ 6A7A73

■ 2D7A59

■ 777A79

■ 217A54

■ 837A7E

■ 157A4F

■ 8F7A83

■ 097A4A

■ 9B7A88

■ 007A46

■ A77A8D

■ B47A92

■ C07A98

# Harmonies

## Analogous

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



63775B



527A69



467B79

# Triad

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



527A69



697090



8F695C

# Complementary

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



527A69



7A5263

# 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.



92666A



527A69



7E6B88

# Square

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



527A69



547690



8C677A



856E54

# Rectangle

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



527A69



447A83



8C677A



916861



# Sweetspot

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



527A69



8E9E97



637A52



464F4B



CFCFCF



4F4F4F



# Same Dimension

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



527A69



609E84



52777A



373D3B



007D48



00FC91



# Inverse Universe

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



7A5263



9E607B



7A5552



3D373A



7D0035



FC006B



# Previews

## White Background



This preview shows how the Hex color 527A69 looks on a white background.

## Color Contrast Check

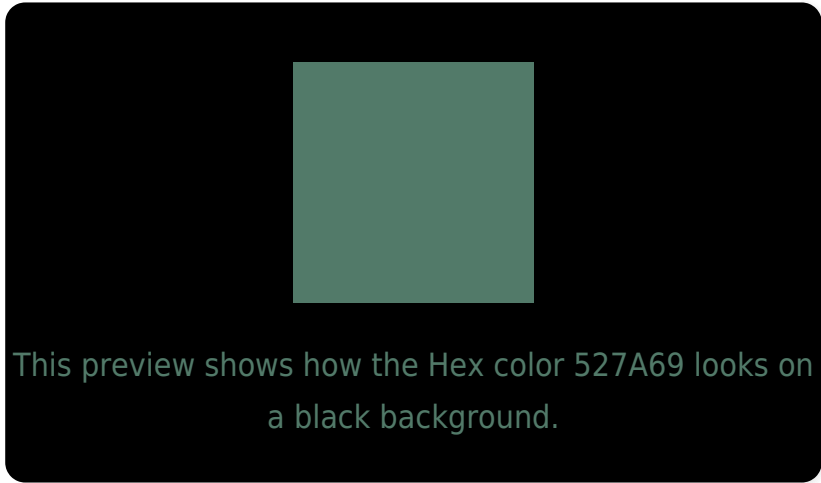
Large Text (above 18pt) WCAG AA ✓ Pass

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

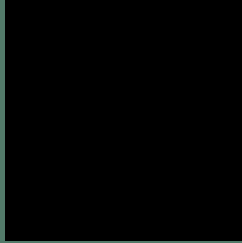
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 527A69 Background



This preview shows how black text looks on a background with the Hex color 527A69.

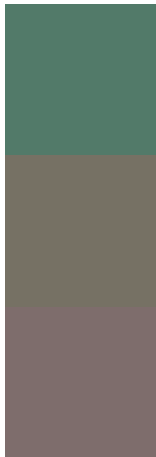


This preview shows how white text looks on a background with the Hex color 527A69.

# 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**  
527A69

**Protanopia**  
767164

**Deuteranopia**  
7E6D6C



**Tritanopia**  
577780

# Trichromacy



**Original Color**  
527A69

**Protanomaly**  
697466

**Deuteranomaly**  
6E726B

**Tritanomaly**  
557878

# Monochromacy



**Original Color**  
527A69

**Achromatopsia**  
6C6C6C

**Achromatomaly**  
63716B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 527A69 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 #527A69 looks like.

```
.text, #text, p{  
    color:#527A69  
}
```

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 #527A69 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #527A69
}
```

## Border

The CSS property to change the border of an element to Hex 527A69 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
#527A69 }
```

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

```
.border{ border-color:#527A69 }
```

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

Here you see how a box with a 4 pixel #527A69 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #527A69; -webkit-box-shadow:4px 4px  
4px 4px #527A69; box-shadow:4px 4px 4px  
4px #527A69 }
```

# Background

The CSS property to change the background color of an element to Hex 527A69 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#527A69 }
```

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

```
.background{ background-color:#527A69 }
```

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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