

Converting Colors

Hex(527766)

Have a look what the booklet for
Hex(527766) contains.

| | |
|--|----|
| Hex(527766) | 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(527766)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 527766 |
| RGB | 82, 119, 102 |
| RGB Percent | 32%, 47%, 40% |
| CMY | 0.6784, 0.5333, 0.6000 |
| CMYK | 0.31, 0.00, 0.14, 0.53 |
| HSL | 152°, 18%, 39% |
| HSV | 152°, 31%, 47% |
| XYZ | 12.4748, 15.9468, 14.9909 |
| YIQ | 105.9990, -16.5950, -13.1310 |

Conversions

Conversions Part 2

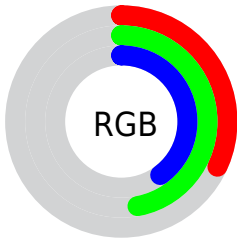
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 82, 106, 119 |
| Decimal | 5404518 |
| CIE _{Lab} | 46.90, -17.04, 5.18 |
| CIE _{LCh} | 47, 17.813, 163.083 |
| Yxy | 15.9468, 0.2874, 0.3673 |
| Android (android.graphics.Color) | 4283594598 (0xFF527766) |
| YUV | 105.9990, -1.9715, -21.0471 |
| Hunter-Lab | 39.9334, -14.1221, 5.6961 |

Details

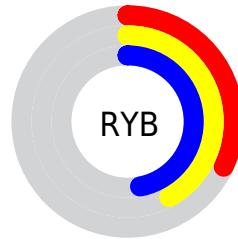
The Hex color **527766** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **775263**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **84AB99**, and **234637** is the 20% darker color. If you saturate the color by 10%, you get **467761**, and if you desaturate by 10%, it is **5E776B**.

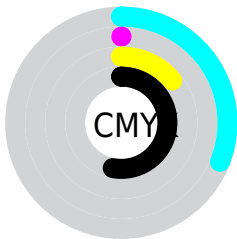
Distribution



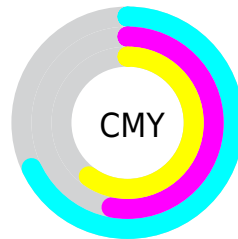
- Red (32%)
- Green (47%)
- Blue (40%)



- Red (32%)
- Yellow (42%)
- Blue (47%)



- Cyan (31%)
- Magenta (0%)
- Yellow (14%)
- Black (53%)



- Cyan (68%)
- Magenta (53%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 527766 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 527766 by changing the saturation by 10% instead.

■ 527766

■ 527766

FFFFFF

■ 3A5E4E

■ 84AB99

■ 234637

■ 9FC7B4

■ 0B3022

■ BAE3CF

■ 001C0C

■ D6FFEB

■ 000000

■ F3FFFF

■ 527766

■ 527766

■ 467761

■ 5E776B

■ 3A775B

■ 6A7771

■ 2E7756

■ 767776

■ 227750

■ 82777C

■ 17774B

■ 8D7781

■ 0B7745

■ 997787

■ 007740

■ A5778C

■ B17792

■ BD7797

Harmonies

Analogous

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



637459



527766



467875

Triad

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



527766



666E8C



8B675B

Complementary

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



527766



775263

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.



8E6469



527766



7A6985

Square

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



527766



52738B



886578



826B53

Rectangle

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



527766



44777F



886578



8D6660

Sweetspot

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



527766



8E9C95



637752



464F4B



CFCFCF



4F4F4F

Same Dimension

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



527766



629C81



527677



353B38



007A42



00FA87

Inverse Universe

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



775263



9C627C



775352



3B3537



7A0038



FA0073

Previews

White Background



This preview shows how the Hex color 527766 looks on a white background.

Color Contrast Check

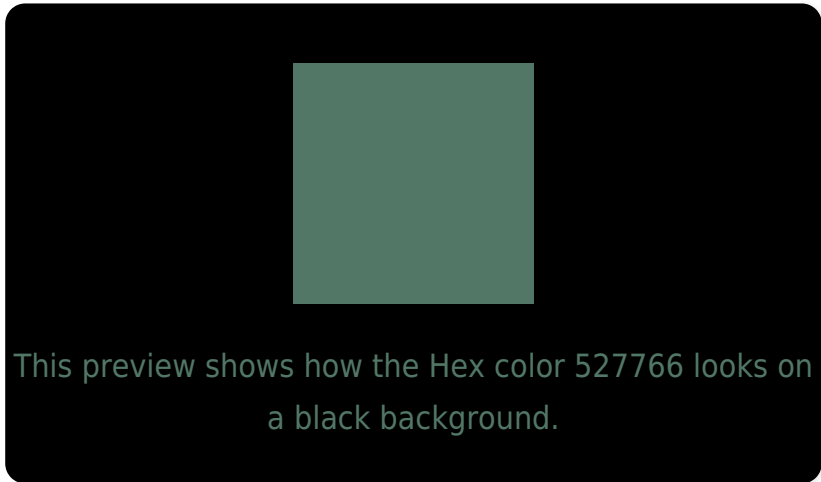
Large Text (above 18pt) WCAG AA ✓ Pass

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

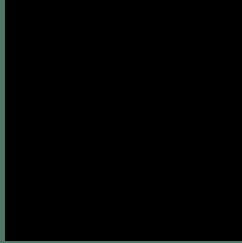
Any Text WCAG AA × Fail

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 527766 Background



This preview shows how black text looks on a background with the Hex color 527766.

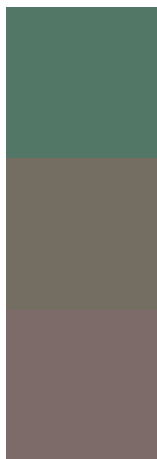


This preview shows how white text looks on a background with the Hex color 527766.

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
527766

Protanopia
746E62

Deuteranopia
7C6B69

Trichromacy



Original Color
527766

Protanomaly
687163

Deuteranomaly
6D6F68

Tritanomaly
557575

Monochromacy



Original Color
527766

Achromatopsia
6A6A6A

Achromatomaly
616F69

CSS Examples

Text

The CSS property to change the color of the text to Hex 527766 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 #527766 looks like.

```
.text, #text, p{  
    color:#527766  
}
```

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 #527766 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #527766
}
```

Border

The CSS property to change the border of an element to Hex 527766 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".

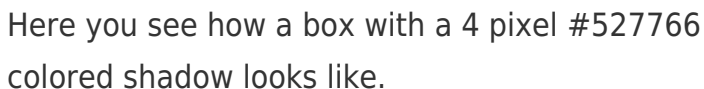
```
.border, #border, table{ border:4px solid
#527766 }
```

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

```
.border{ border-color:#527766 }
```

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

Here you see how a box with a 4 pixel #527766 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #527766; -webkit-box-shadow:4px 4px  
4px 4px #527766; box-shadow:4px 4px 4px  
4px #527766 }
```

Background

The CSS property to change the background color of an element to Hex 527766 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#527766 }
```

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

```
.background{ background-color:#527766 }
```

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