

# Converting Colors

Hex(507B62)

Have a look what the booklet for  
Hex(507B62) contains.

|                                                |    |
|------------------------------------------------|----|
| <b>Hex(507B62)</b> .....                       | 3  |
| <b><i>Conversions</i></b> .....                | 4  |
| <b><i>Details</i></b> .....                    | 6  |
| <b><i>Harmonies</i></b> .....                  | 11 |
| <b><i>Previews</i></b> .....                   | 23 |
| <b><i>Color Blindness Simulation</i></b> ..... | 26 |
| <b><i>CSS Examples</i></b> .....               | 29 |

# Color

Hex(507B62)

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 507B62                       |
| RGB         | 80, 123, 98                  |
| RGB Percent | 31%, 48%, 38%                |
| CMY         | 0.6863, 0.5176, 0.6157       |
| CMYK        | 0.35, 0.00, 0.20, 0.52       |
| HSL         | 145°, 21%, 40%               |
| HSV         | 145°, 35%, 48%               |
| XYZ         | 12.5958, 16.7532, 14.1251    |
| YIQ         | 107.2930, -17.6030, -16.8910 |

# Conversions

## Conversions Part 2

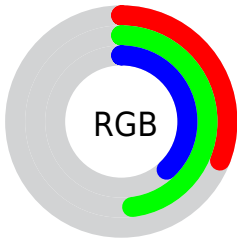
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>RYB</b>                          | 80, 110, 123                   |
| Decimal                             | 5274466                        |
| CIELab                              | 47.95, -20.72, 9.01            |
| CIELCh                              | 48, 22.593, 156.499            |
| Yxy                                 | 16.7532, 0.2897,<br>0.3854     |
| Android<br>(android.graphics.Color) | 4283464546<br>(0xFF507B62)     |
| YUV                                 | 107.2930, -4.5814,<br>-23.9360 |
| Hunter-Lab                          | 40.9307, -16.6980,<br>8.1906   |

# Details

The Hex color **507B62** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7B5069**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **83B095**, and **204A34** is the 20% darker color. If you saturate the color by 10%, you get **447B5B**, and if you desaturate by 10%, it is **5C7B69**.

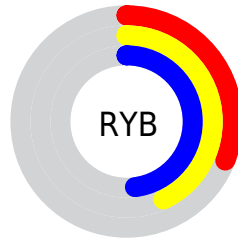
# Distribution



Red (31%)

Green (48%)

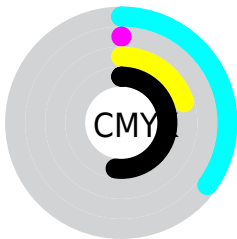
Blue (38%)



Red (31%)

Yellow (43%)

Blue (48%)

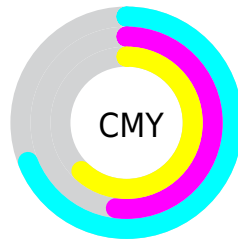


Cyan (35%)

Magenta (0%)

Yellow (20%)

Black (52%)



Cyan (69%)

Magenta (52%)

Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 507B62 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 507B62 by changing the saturation by 10% instead.





507B62



507B62

FFFFFF



38624A



83B095



204A34



9DCBAF



07331E



B8E7CB



001F06



D4FFE7



000000



F1FFFF



507B62



507B62



447B5B



5C7B69



377B54




697B70

 2B7B4D

 757B77

 1F7B45

 817B7F

 127B3E

 8E7B86

 067B37

 9A7B8D

 007B33

 A67B94

 B27B9B

 BF7BA2

# Harmonies

## Analogous

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



667753



507B62



3C7C75

# Triad

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



507B62



5F7297



96665C

# Complementary

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



507B62



7B5069

# 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.



97646E



507B62



7A6B90

# Square

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



507B62



447894



8E6681



8C6B4F

# Rectangle

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



507B62



347C82



8E6681



986562



# Sweetspot

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



507B62



91A197



697B50



48524C



D1D1D1



525252



# Same Dimension

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



507B62



5DA179



507B77



373D3A



007D34



00FC6A



# Inverse Universe

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



7B5069



A15D84



7B5054



3D373B



7D0049



FC0093



# Previews

## White Background



This preview shows how the Hex color 507B62 looks on a white background.

## Color Contrast Check

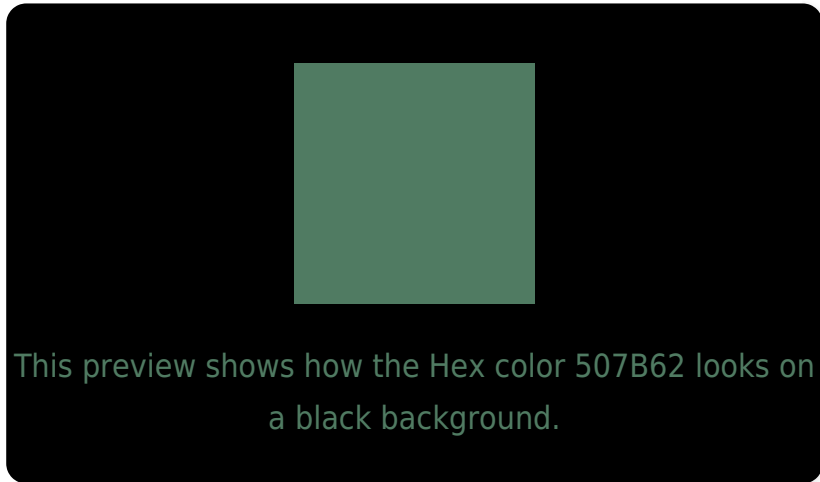
Large Text (above 18pt) WCAG AA ✓ Pass

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

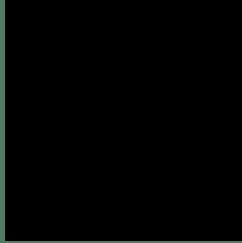
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 507B62 Background



This preview shows how black text looks on a background with the Hex color 507B62.



This preview shows how white text looks on a background with the Hex color 507B62.

# 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**  
507B62

**Protanopia**  
78715D

**Deuteranopia**  
816D65



**Tritanopia**  
567780

# Trichromacy



**Original Color**  
507B62

**Protanomaly**  
69755F

**Deuteranomaly**  
6F7264

**Tritanomaly**  
547875

# Monochromacy



**Original Color**  
507B62

**Achromatopsia**  
6B6B6B

**Achromatomaly**  
617168

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 507B62 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 #507B62 looks like.

```
.text, #text, p{  
    color:#507B62  
}
```

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 #507B62 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #507B62
}
```

## Border

The CSS property to change the border of an element to Hex 507B62 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
#507B62 }
```

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

```
.border{ border-color:#507B62 }
```

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

Here you see how a box with a 4 pixel #507B62 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #507B62; -webkit-box-shadow:4px 4px  
4px 4px #507B62; box-shadow:4px 4px 4px  
4px #507B62 }
```

# Background

The CSS property to change the background color of an element to Hex 507B62 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#507B62 }
```

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

```
.background{ background-color:#507B62 }
```

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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