

# Converting Colors

Hex(507A66)

Have a look what the booklet for  
Hex(507A66) contains.

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# Color

Hex(507A66)

# Conversions

## Conversions Part 1

Format	Color
Hex	507A66
RGB	80, 122, 102
RGB Percent	31%, 48%, 40%
CMY	0.6863, 0.5216, 0.6000
CMYK	0.34, 0.00, 0.16, 0.52
HSL	151°, 21%, 40%
HSV	151°, 34%, 48%
XYZ	12.6661, 16.5838, 15.1038
YIQ	107.1620, -18.6120, -15.1240

# Conversions

## Conversions Part 2

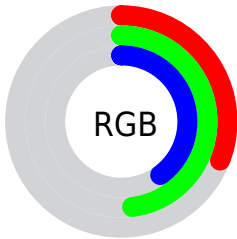
<b>Format</b>	<b>Color</b>
<b>RYB</b>	80, 108, 122
Decimal	5274214
CIELab	47.73, -19.31, 6.35
CIElCh	48, 20.331, 161.799
Yxy	16.5838, 0.2856, 0.3739
Android (android.graphics.Color)	4283464294 (0xFF507A66)
YUV	107.1620, -2.5449, -23.8211
Hunter-Lab	40.7233, -15.7473, 6.5163

# Details

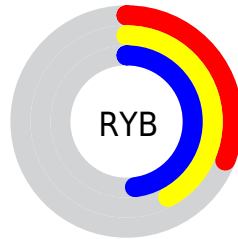
The Hex color **507A66** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7A5064**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **83AF99**, and **204937** is the 20% darker color. If you saturate the color by 10%, you get **447A60**, and if you desaturate by 10%, it is **5C7A6C**.

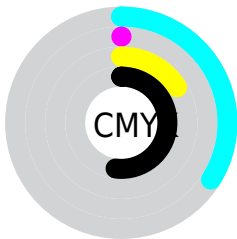
# Distribution



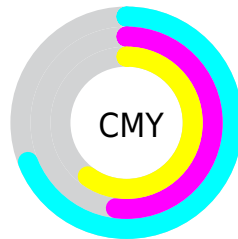
- Red (31%)
- Green (48%)
- Blue (40%)



- Red (31%)
- Yellow (42%)
- Blue (48%)



- Cyan (34%)
- Magenta (0%)
- Yellow (16%)
- Black (52%)



- Cyan (69%)
- Magenta (52%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 507A66 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 507A66 by changing the saturation by 10% instead.



 507A66

 507A66

FFFFFF

 38614E

 83AF99

 204937

 9DCAB4

 073222

 B8E6CF

 001E0C

 D4FFEB

 000000

 F1FFFF

 507A66

 507A66

 447A60

 5C7A6C

 387A5A

 687A72

 2B7A55

 757A77

 1F7A4F

 817A7D

 137A49

 8D7A83

 077A43

 997A89

 007A40

 A57A8F

 B27A94

 BE7A9A

# Harmonies

## Analogous

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



647757



507A66



407B78

# Triad

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



507A66



657193



91675B

# Complementary

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



507A66



7A5064

# 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.



94656B



507A66



7C6B8B

# Square

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



507A66



4D7691



8D667C



876D51

# Rectangle

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



507A66



3D7A83



8D667C



936660



# Sweetspot

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



507A66



8E9E97



647A50



464F4B



CFCFCF



4F4F4F



# Same Dimension

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



507A66



5D9E7F



50797A



373D3A



007D41



00FC84



# Inverse Universe

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



7A5064



9E5D7C



7A5150



3D373A



7D003C



FC0078



# Previews

## White Background



This preview shows how the Hex color 507A66 looks on a white background.

## Color Contrast Check

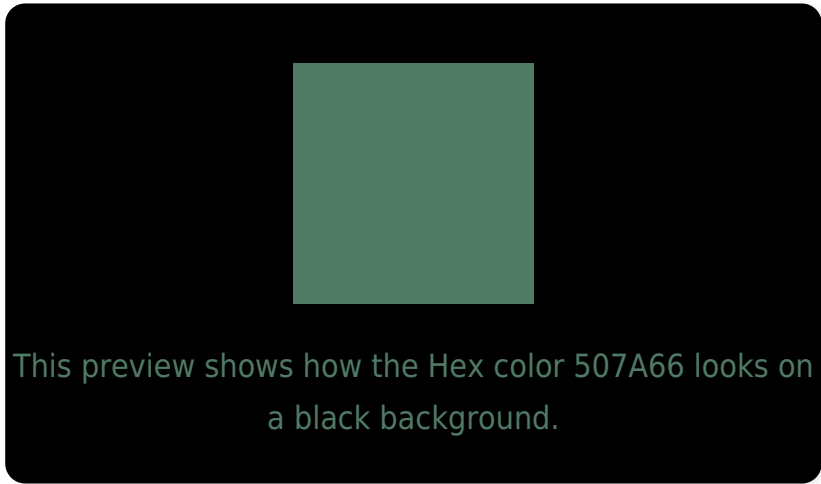
Large Text (above 18pt) WCAG AA ✓ Pass

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

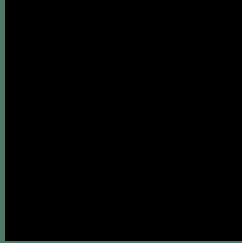
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 507A66 Background



This preview shows how black text looks on a background with the Hex color 507A66.

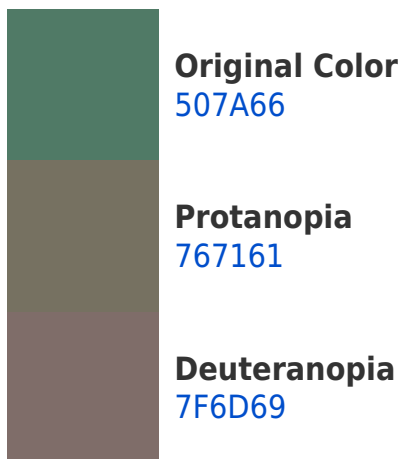


This preview shows how white text looks on a background with the Hex color 507A66.

# 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](#).

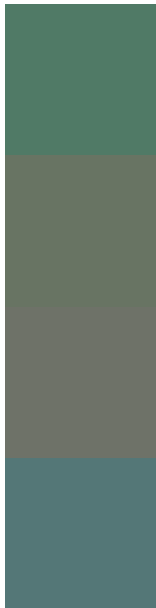
## Dichromacy





**Tritanopia**  
567680

# Trichromacy



**Original Color**  
507A66

**Protanomaly**  
687463

**Deuteranomaly**  
6E7268

**Tritanomaly**  
547777

# Monochromacy



**Original Color**  
507A66

**Achromatopsia**  
6B6B6B

**Achromatomaly**  
617069

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 507A66 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 #507A66 looks like.

```
.text, #text, p{  
    color:#507A66  
}
```

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 #507A66 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #507A66  
}
```

## Border

The CSS property to change the border of an element to Hex 507A66 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  
#507A66 }
```

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

```
.border{ border-color:#507A66 }
```

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

Here you see how a box with a 4 pixel #507A66 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #507A66; -webkit-box-shadow:4px 4px  
4px 4px #507A66; box-shadow:4px 4px 4px  
4px #507A66 }
```

# Background

The CSS property to change the background color of an element to Hex 507A66 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#507A66 }
```

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

```
.background{ background-color:#507A66 }
```

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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