

Converting Colors

Hex(567A62)

Have a look what the booklet for
Hex(567A62) contains.

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Color

Hex(567A62)

Conversions

Conversions Part 1

Format	Color
Hex	567A62
RGB	86, 122, 98
RGB Percent	34%, 48%, 38%
CMY	0.6627, 0.5216, 0.6157
CMYK	0.30, 0.00, 0.20, 0.52
HSL	140°, 17%, 41%
HSV	140°, 30%, 48%
XYZ	13.0019, 16.7793, 14.1087
YIQ	108.5000, -13.7520, -15.0960

Conversions

Conversions Part 2

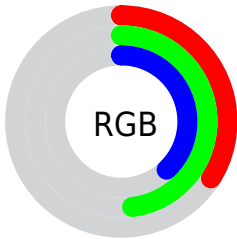
Format	Color
RYB	86, 113, 122
Decimal	5667426
CIELab	47.98, -18.15, 9.11
CIELCh	48, 20.307, 153.359
Yxy	16.7793, 0.2962, 0.3823
Android (android.graphics.Color)	4283857506 (0xFF567A62)
YUV	108.5000, -5.1765, -19.7325
Hunter-Lab	40.9626, -15.0271, 8.2526

Details

The Hex color **567A62** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7A566E**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **89AF95**, and **274934** is the 20% darker color. If you saturate the color by 10%, you get **4A7A5A**, and if you desaturate by 10%, it is **627A6A**.

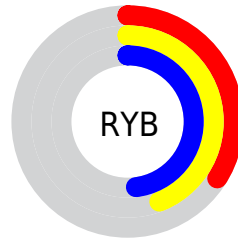
Distribution



Red (34%)

Green (48%)

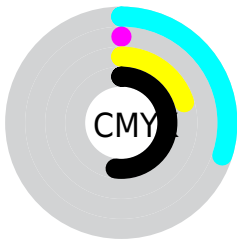
Blue (38%)



Red (34%)

Yellow (44%)

Blue (48%)

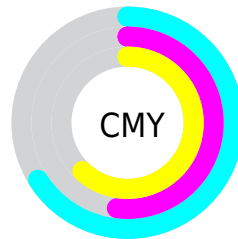


Cyan (30%)

Magenta (0%)

Yellow (20%)

Black (52%)



Cyan (66%)

Magenta (52%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 567A62 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 567A62 by changing the saturation by 10% instead.



567A62



567A62

FFFFFF



3E614A



89AF95



274934



A3CAAF



10321E



BFE6CB



001E06



DBFFE7



000000



F7FFFF



567A62



567A62



4A7A5A



627A6A



3E7A52



6E7A72

■ 317A4A

■ 7B7A7A

■ 257A41

■ 877A83

■ 197A39

■ 937A8B

■ 0D7A31

■ 9F7A93

■ 017A29

■ AB7A9B

■ 007A29

■ B87AA3

■ C47AAB

Harmonies

Analogous

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



6A7755



567A62



457B73

Triad

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



567A62



5F7394



946760

Complementary

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



567A62



7A566E

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.



936571



567A62



776D8E

Square

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



567A62



487890



8A6882



8B6C54

Rectangle

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



567A62



3E7B7F



8A6882



956665

Sweetspot

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



567A62



909E95



6E7A56



464F49



CFCFCF



4F4F4F

Same Dimension

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



567A62



679E79



567A74



373D39



007D2A



00FC54

Inverse Universe

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



7A566E



9E678C



7A565C



3D373B



7D0053



FC00A8

Previews

White Background



This preview shows how the Hex color 567A62 looks on a white background.

Color Contrast Check

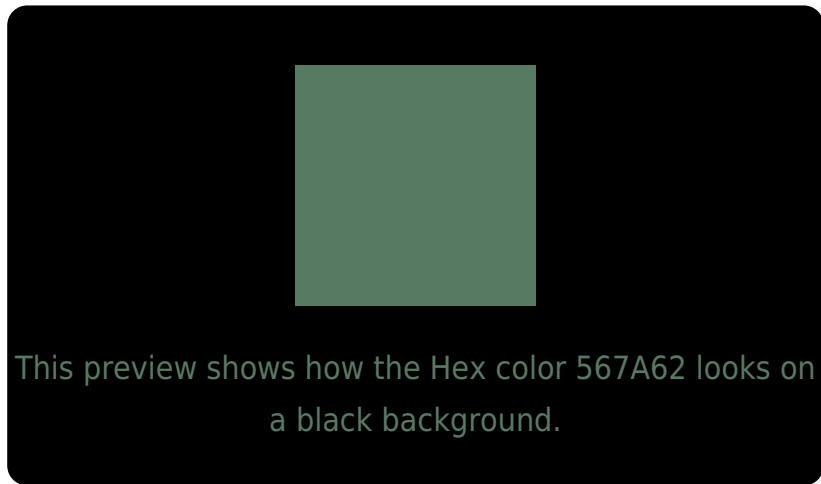
Large Text (above 18pt) WCAG AA ✓ Pass

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

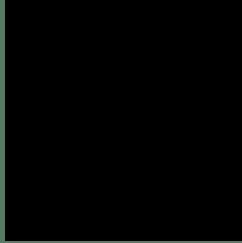
Any Text WCAG AA × Fail

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 567A62 Background



This preview shows how black text looks on a background with the Hex color 567A62.

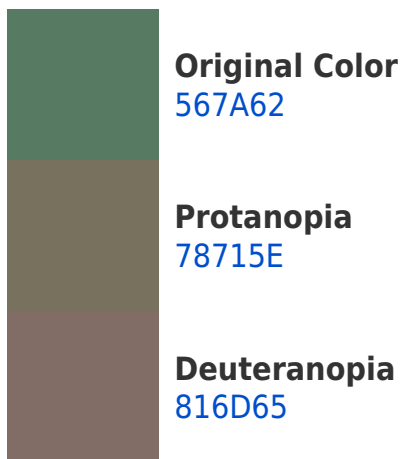



This preview shows how white text looks on a background with the Hex color 567A62.

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
5C767F

Trichromacy



Original Color
567A62

Protanomaly
6C745F

Deuteranomaly
717264

Tritanomaly
5A7774

Monochromacy



Original Color
567A62

Achromatopsia
6D6D6D

Achromatomaly
657269

CSS Examples

Text

The CSS property to change the color of the text to Hex 567A62 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 #567A62 looks like.

```
.text, #text, p{  
    color:#567A62  
}
```

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 #567A62 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #567A62
}
```

Border

The CSS property to change the border of an element to Hex 567A62 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
#567A62 }
```

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

```
.border{ border-color:#567A62 }
```

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

Here you see how a box with a 4 pixel #567A62 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #567A62; -webkit-box-shadow:4px 4px  
4px 4px #567A62; box-shadow:4px 4px 4px  
4px #567A62 }
```

Background

The CSS property to change the background color of an element to Hex 567A62 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#567A62 }
```

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

```
.background{ background-color:#567A62 }
```

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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