

Converting Colors

Hex(628C77)

Have a look what the booklet for
Hex(628C77) contains.

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Color

Hex(628C77)

Conversions

Conversions Part 1

Format	Color
Hex	628C77
RGB	98, 140, 119
RGB Percent	38%, 55%, 47%
CMY	0.6157, 0.4510, 0.5333
CMYK	0.30, 0.00, 0.15, 0.45
HSL	150°, 18%, 47%
HSV	150°, 30%, 55%
XYZ	17.7449, 22.6847, 20.8961
YIQ	125.0480, -18.2910, -15.4350

Conversions

Conversions Part 2

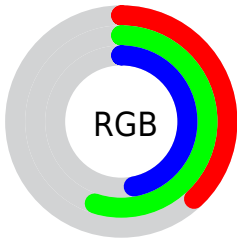
Format	Color
R_{YB}	98, 126, 140
Decimal	6458487
CIE _{Lab}	54.75, -19.17, 6.61
CIE _{LCh}	55, 20.280, 160.967
Yxy	22.6847, 0.2894, 0.3699
Android (android.graphics.Color)	4284648567 (0xFF628C77)
YUV	125.0480, -2.9817, -23.7211
Hunter-Lab	47.6285, -16.8465, 7.3276

Details

The Hex color **628C77** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **8C6277**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **96C2AB**, and **315A47** is the 20% darker color. If you saturate the color by 10%, you get **548C70**, and if you desaturate by 10%, it is **708C7E**.

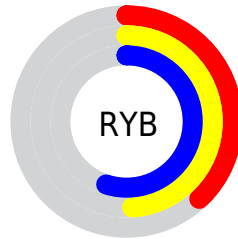
Distribution



Red (38%)

Green (55%)

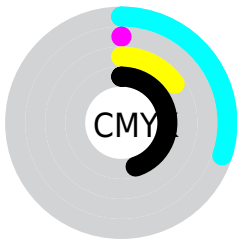
Blue (47%)



Red (38%)

Yellow (49%)

Blue (55%)

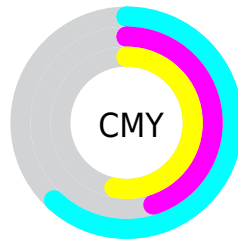


Cyan (30%)

Magenta (0%)

Yellow (15%)

Black (45%)



Cyan (62%)

Magenta (45%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 628C77 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 628C77 by changing the saturation by 10% instead.



628C77



628C77

FFFFFF



49725E



96C2AB



315A47



B1DEC6



1A4230



CDFAE2



022C1B



E9FFFF



001900



000000



628C77



628C77



548C70



708C7E



468C69



7E8C85

 388C62

 8C8C8C

 2A8C5B

 9A8C93

 1C8C54

 A88C9A

 0E8C4D

 B68CA1

 008C46

 C48CA8

 D28CAF

 E08CB6

Harmonies

Analogous

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



768968



628C77



538D89

Triad

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



628C77



7782A5



A4796D

Complementary

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



628C77



8C6277

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.



A7767D



628C77



8E7C9E

Square

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



628C77



5F88A4



9F788F



9A7E62

Rectangle

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



628C77



508C94



9F788F



A67872

Sweetspot

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



628C77



A5B5AD



778C62



525C57



DBDBDB



5C5C5C

Same Dimension

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



628C77



74B594



628C8C



3E4541



008542



000503

Inverse Universe

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



8C6277



B57494



8C6262



453E41



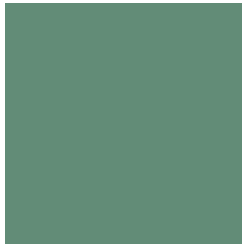
850042



050003

Previews

White Background



This preview shows how the Hex color 628C77 looks on a white background.

Color Contrast Check

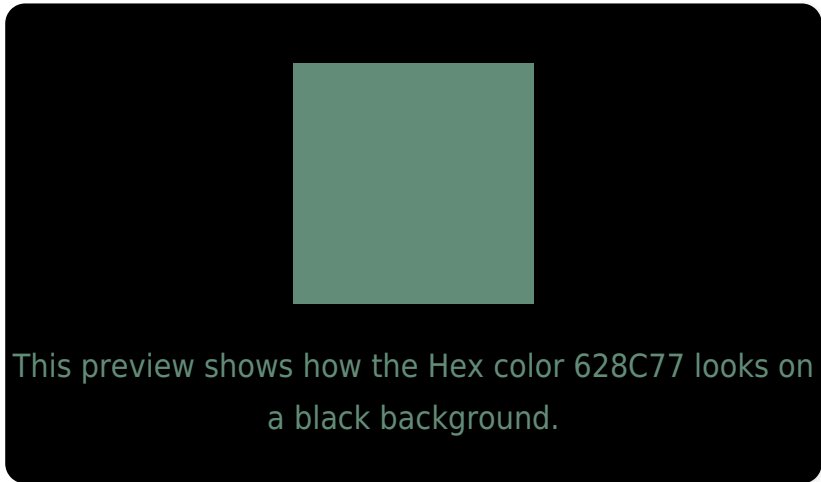
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

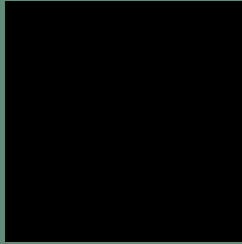
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 628C77 Background



This preview shows how black text looks on a background with the Hex color 628C77.

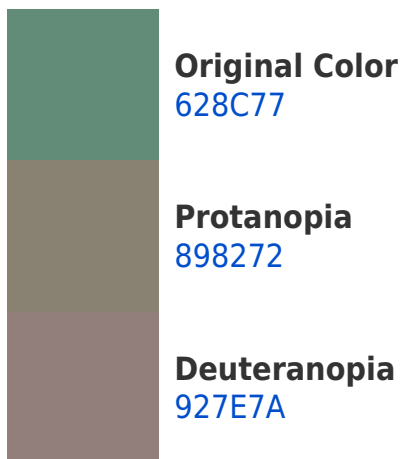


This preview shows how white text looks on a background with the Hex color 628C77.

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
688893

Trichromacy



Original Color
628C77

Protanomaly
7B8674

Deuteranomaly
818379

Tritanomaly
668989

Monochromacy



Original Color
628C77

Achromatopsia
7D7D7D

Achromatomaly
73827B

CSS Examples

Text

The CSS property to change the color of the text to Hex 628C77 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 #628C77 looks like.

```
.text, #text, p{  
    color:#628C77  
}
```

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 #628C77 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #628C77
}
```

Border

The CSS property to change the border of an element to Hex 628C77 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
#628C77 }
```

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

```
.border{ border-color:#628C77 }
```

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

Here you see how a box with a 4 pixel #628C77 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #628C77; -webkit-box-shadow:4px 4px  
4px 4px #628C77; box-shadow:4px 4px 4px  
4px #628C77 }
```

Background

The CSS property to change the background color of an element to Hex 628C77 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#628C77 }
```

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

```
.background{ background-color:#628C77 }
```

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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