

# Converting Colors

Hex(628069)

Have a look what the booklet for  
Hex(628069) contains.

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# Color

**Hex(628069)**

# Conversions

## Conversions Part 1

Format	Color
Hex	628069
RGB	98, 128, 105
RGB Percent	38%, 50%, 41%
CMY	0.6157, 0.4980, 0.5882
CMYK	0.23, 0.00, 0.18, 0.50
HSL	134°, 13%, 44%
HSV	134°, 23%, 50%
XYZ	15.3060, 19.0549, 16.2359
YIQ	116.4080, -10.4970, -13.5130

# Conversions

## Conversions Part 2

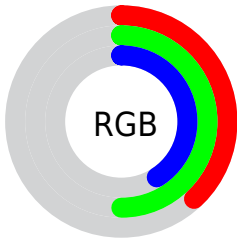
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	98, 122, 128
Decimal	6455401
CIE <sub>Lab</sub>	50.75, -15.70, 9.03
CIE <sub>LCh</sub>	51, 18.109, 150.079
Yxy	19.0549, 0.3025, 0.3766
Android (android.graphics.Color)	4284645481 (0xFF628069)
YUV	116.4080, -5.6241, -16.1438
Hunter-Lab	43.6520, -13.8023, 8.5041

# Details

The Hex color **628069** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **806279**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **95B59C**, and **334F3A** is the 20% darker color. If you saturate the color by 10%, you get **55805F**, and if you desaturate by 10%, it is **6F8073**.

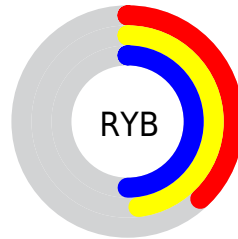
# Distribution



Red (38%)

Green (50%)

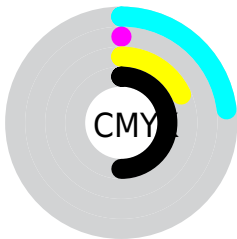
Blue (41%)



Red (38%)

Yellow (48%)

Blue (50%)

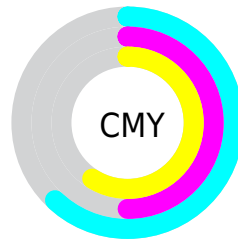


Cyan (23%)

Magenta (0%)

Yellow (18%)

Black (50%)



Cyan (62%)

Magenta (50%)

Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 628069 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 628069 by changing the saturation by 10% instead.



628069

628069

FFFFFF

4A6751

95B59C

334F3A

B0D1B7

1C3824

CCEDD3

07220F

E8FFE9

000500

000000

628069

628069

55805F

6F8073

488055

7C807D

 3C804C

 888086

 2F8042

 958090

 228038

 A2809A

 15802E

 AF80A4

 088024

 BC80AE

 00801E

 C880B8

 D580C1

# Harmonies

## Analogous

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



747D5E



628069



538278

# Triad

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



628069



667A97



986F6A

# Complementary

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



628069



806279

# 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.



976E79



628069



7B7593

# Square

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



628069



547F93



8D7088



91735F

# Rectangle

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



628069



4D8183



8D7088



996E6F



# Sweetspot

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



628069



9AA69D



798062



4D544F



D4D4D4



545454



# Same Dimension

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



628069



77A682



628078



39403B



00801E



000000



# Inverse Universe

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



806279



A6779B



80626A



40393E



800062



000000



# Previews

## White Background



This preview shows how the Hex color 628069 looks on a white background.

## Color Contrast Check

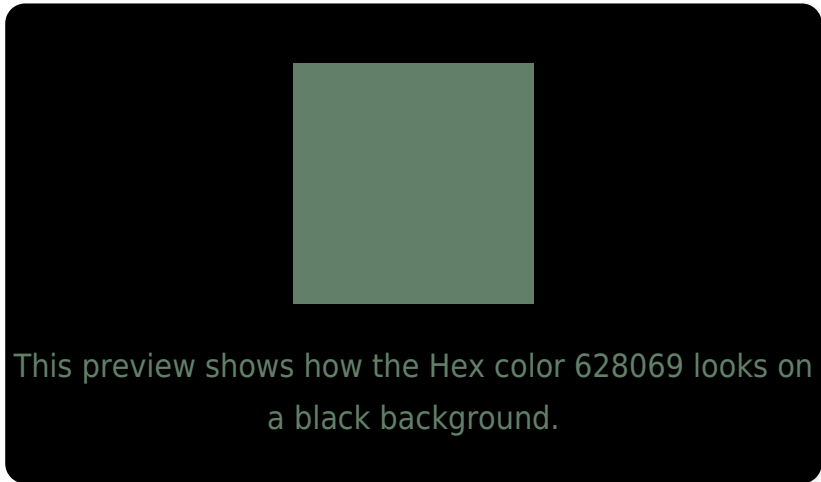
Large Text (above 18pt) WCAG AA ✓ Pass

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

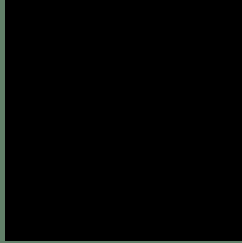
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 628069 Background



This preview shows how black text looks on a background with the Hex color 628069.

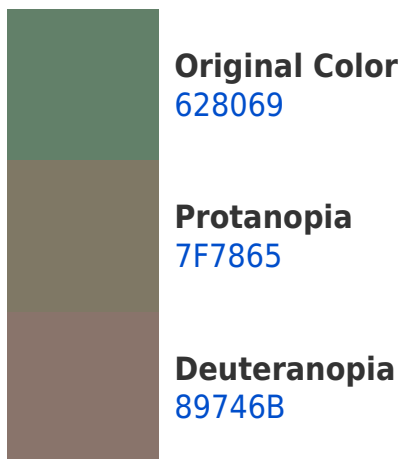



This preview shows how white text looks on a background with the Hex color 628069.

# 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**  
677C86

# Trichromacy



**Original Color**  
628069

**Protanomaly**  
747B66

**Deuteranomaly**  
7B786A

**Tritanomaly**  
657D7B

# Monochromacy



**Original Color**  
628069

**Achromatopsia**  
747474

**Achromatomaly**  
6D7870

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 628069 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 #628069 looks like.

```
.text, #text, p{  
    color:#628069  
}
```

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 #628069 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #628069
}
```

## Border

The CSS property to change the border of an element to Hex 628069 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
#628069 }
```

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

```
.border{ border-color:#628069 }
```

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

Here you see how a box with a 4 pixel #628069 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #628069; -webkit-box-shadow:4px 4px  
4px 4px #628069; box-shadow:4px 4px 4px  
4px #628069 }
```

# Background

The CSS property to change the background color of an element to Hex 628069 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#628069 }
```

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

```
.background{ background-color:#628069 }
```

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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