

# Converting Colors

Hex(628063)

Have a look what the booklet for  
Hex(628063) contains.

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# Color

Hex(628063)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	628063
RGB	98, 128, 99
RGB Percent	38%, 50%, 39%
CMY	0.6157, 0.4980, 0.6118
CMYK	0.23, 0.00, 0.23, 0.50
HSL	122°, 13%, 44%
HSV	122°, 23%, 50%
XYZ	15.0083, 18.9359, 14.6683
YIQ	115.7240, -8.5710, -15.3790

# Conversions

## Conversions Part 2

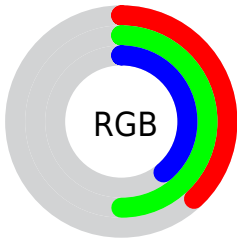
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	98, 127, 128
Decimal	6455395
CIE <sub>Lab</sub>	50.61, -16.87, 12.32
CIE <sub>LCh</sub>	51, 20.891, 143.856
Yxy	18.9359, 0.3087, 0.3895
Android (android.graphics.Color)	4284645475 (0xFF628063)
YUV	115.7240, -8.2449, -15.5439
Hunter-Lab	43.5154, -14.5878, 10.4750

# Details

The Hex color **628063** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **80627F**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **95B596**, and **324F34** is the 20% darker color. If you saturate the color by 10%, you get **558057**, and if you desaturate by 10%, it is **6F806F**.

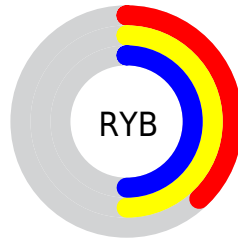
# Distribution



Red (38%)

Green (50%)

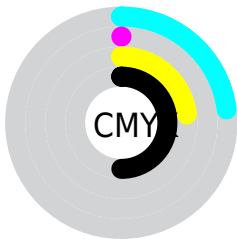
Blue (39%)



Red (38%)

Yellow (50%)

Blue (50%)

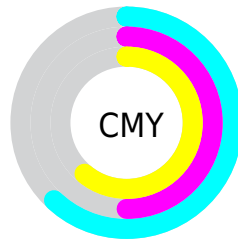


Cyan (23%)

Magenta (0%)

Yellow (23%)

Black (50%)



Cyan (62%)

Magenta (50%)

Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 628063 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 628063 by changing the saturation by 10% instead.



 628063

 628063

FFFFFF

 4A674B

 95B596

 324F34

 B0D1B1

 1C381F

 CCEDCC

 072208

 E8FFE8

 000400

 000000

 628063

 628063

 558057

 6F806F

 48804A

 7C807C

 3C803E

 888088

 2F8032

 958094

 228025

 A280A1

 158019

 AF80AD

 08800C

 BC80BA

 008004

 C880C6

 D580D2

# Harmonies

## Analogous

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



767C58



628063



4F8274

# Triad

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



628063



5D7B9B



9C6C6B

# Complementary

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



628063



80627F

# 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.



996C7D



628063



767599

# Square

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



628063



488095



8C6F8E



96705C

# Rectangle

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



628063



458280



8C6F8E



9C6C71



# Sweetspot

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



628063



9AA69B



7F8062



4D544E



D4D4D4



545454



# Same Dimension

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



628063



77A679



628072



39403A



008004



000000



# Inverse Universe

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



80627F



A677A4



806270



403940



80007B

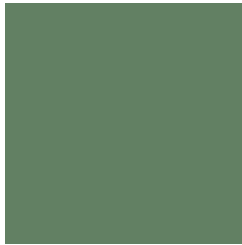


000000



# Previews

## White Background



This preview shows how the Hex color 628063 looks on a white background.

## Color Contrast Check

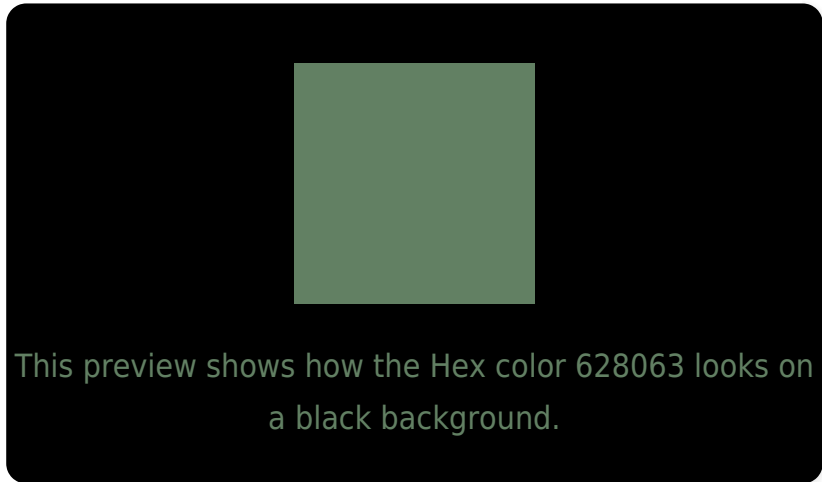
Large Text (above 18pt) WCAG AA ✓ Pass

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

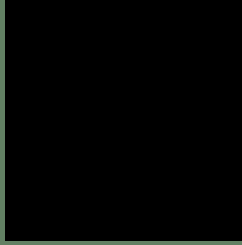
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 628063 Background



This preview shows how black text looks on a background with the Hex color 628063.

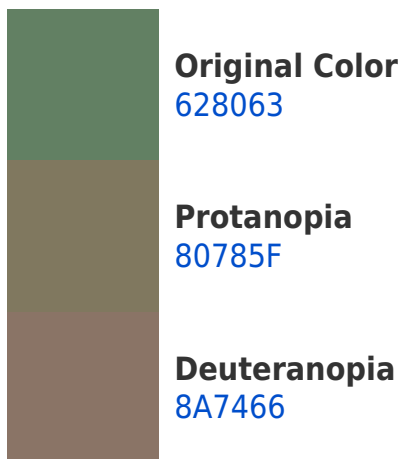


This preview shows how white text looks on a background with the Hex color 628063.

# 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**  
687B85

# Trichromacy



**Original Color**  
628063

**Protanomaly**  
757B60

**Deuteranomaly**  
7B7865

**Tritanomaly**  
667D79

# Monochromacy



**Original Color**  
628063

**Achromatopsia**  
747474

**Achromatomaly**  
6D786E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 628063 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 #628063 looks like.

```
.text, #text, p{  
    color:#628063  
}
```

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 #628063 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #628063
}
```

## Border

The CSS property to change the border of an element to Hex 628063 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
#628063 }
```

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

```
.border{ border-color:#628063 }
```

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

Here you see how a box with a 4 pixel #628063 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #628063; -webkit-box-shadow:4px 4px  
4px 4px #628063; box-shadow:4px 4px 4px  
4px #628063 }
```

# Background

The CSS property to change the background color of an element to Hex 628063 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#628063 }
```

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

```
.background{ background-color:#628063 }
```

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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