

Converting Colors

Hex(648063)

Have a look what the booklet for
Hex(648063) contains.

Hex(648063)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(648063)

Conversions

Conversions Part 1

Format	Color
Hex	648063
RGB	100, 128, 99
RGB Percent	39%, 50%, 39%
CMY	0.6078, 0.4980, 0.6118
CMYK	0.22, 0.00, 0.23, 0.50
HSL	118°, 13%, 45%
HSV	118°, 23%, 50%
XYZ	15.2268, 19.0485, 14.6786
YIQ	116.3220, -7.3790, -14.9550

Conversions

Conversions Part 2

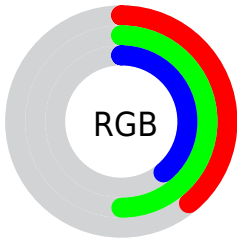
Format	Color
RYB	99, 128, 127
Decimal	6586467
CIELab	50.74, -16.13, 12.53
CIELCh	51, 20.424, 142.175
Yxy	19.0485, 0.3110, 0.3891
Android (android.graphics.Color)	4284776547 (0xFF648063)
YUV	116.3220, -8.5397, -14.3144
Hunter-Lab	43.6446, -14.1026, 10.6108

Details

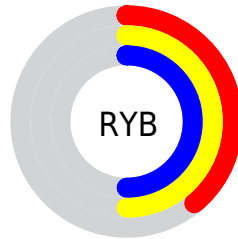
The Hex color **648063** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **7F6380**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **97B596**, and **344F34** is the 20% darker color. If you saturate the color by 10%, you get **588056**, and if you desaturate by 10%, it is **708070**.

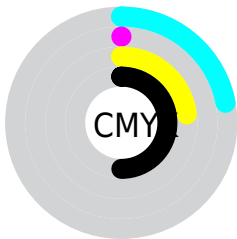
Distribution



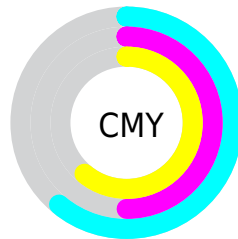
- Red (39%)
- Green (50%)
- Blue (39%)



- Red (39%)
- Yellow (50%)
- Blue (50%)



- Cyan (22%)
- Magenta (0%)
- Yellow (23%)
- Black (50%)



- Cyan (61%)
- Magenta (50%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 648063 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 648063 by changing the saturation by 10% instead.

 648063

 648063

FFFFFF

 4C674B

 97B596

 344F34

 B2D1B1

 1E381F

 CEEDCC

 0A2208

 EAF FE8

 000500

 000000

 648063

 648063

 588056

 708070

 4B8049

 7D807D

 3F803D

 898089

 338030

 958096

 268023

 A280A3

 1A8016

 AE80B0

 0D8009

 BB80BD

 048000

 C780C9

 D380D6

Harmonies

Analogous

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



787C58



648063



518273

Triad

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



648063



5D7C9B



9C6D6C

Complementary

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



648063



7F6380

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.



986D7E



648063



757699

Square

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



648063



498094



8B708E



97705E

Rectangle

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



648063



488380



8B708E



9C6C72

Sweetspot

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



648063



9BA69A



807F63



4E544D



D4D4D4



545454

Same Dimension

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



648063



7BA679



638070



3A4039



048000



000000

Inverse Universe

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



7F6380



A479A6



806373



403940



7B0080



000000

Previews

White Background



This preview shows how the Hex color 648063 looks on a white background.

Color Contrast Check

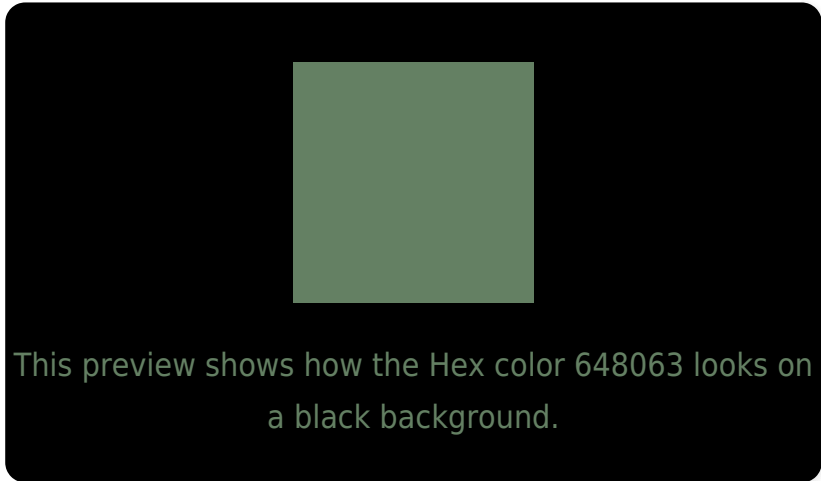
Large Text (above 18pt) WCAG AA ✓ Pass

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

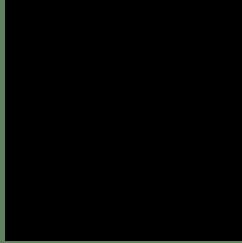
Any Text WCAG AA ✓ Pass

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 648063 Background



This preview shows how black text looks on a background with the Hex color 648063.

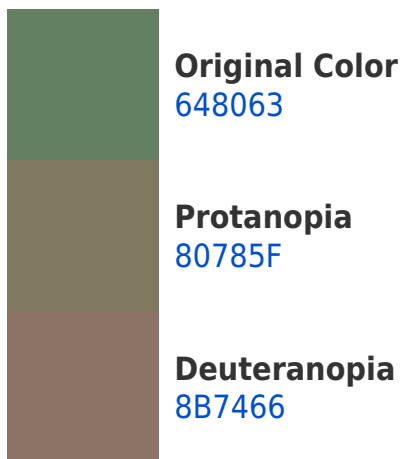


This preview shows how white text looks on a background with the Hex color 648063.

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
6A7B85

Trichromacy



Original Color

648063

Protanomaly

767B60

Deuteranomaly

7D7865

Tritanomaly

687D79

Monochromacy



Original Color

648063

Achromatopsia

747474

Achromatomaly

6E786E

CSS Examples

Text

The CSS property to change the color of the text to Hex 648063 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 #648063 looks like.

```
.text, #text, p{  
    color:#648063  
}
```

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 #648063 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #648063
}
```

Border

The CSS property to change the border of an element to Hex 648063 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
#648063 }
```

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

```
.border{ border-color:#648063 }
```

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

Here you see how a box with a 4 pixel #648063 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #648063; -webkit-box-shadow:4px 4px  
4px 4px #648063; box-shadow:4px 4px 4px  
4px #648063 }
```

Background

The CSS property to change the background color of an element to Hex 648063 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#648063 }
```

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

```
.background{ background-color:#648063 }
```

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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