

Converting Colors

Hex(618E63)

Have a look what the booklet for
Hex(618E63) contains.

Hex(618E63)	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(618E63)

Conversions

Conversions Part 1

Format	Color
Hex	618E63
RGB	97, 142, 99
RGB Percent	38%, 56%, 39%
CMY	0.6196, 0.4431, 0.6118
CMYK	0.32, 0.00, 0.30, 0.44
HSL	123°, 19%, 47%
HSV	123°, 32%, 56%
XYZ	16.8549, 22.7882, 15.3146
YIQ	123.6430, -13.0170, -22.9130

Conversions

Conversions Part 2

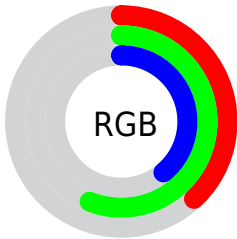
Format	Color
R_{YB}	97, 140, 142
Decimal	6393443
CIE _{Lab}	54.85, -24.49, 18.15
CIE _{LCh}	55, 30.486, 143.461
Yxy	22.7882, 0.3067, 0.4147
Android (android.graphics.Color)	4284583523 (0xFF618E63)
YUV	123.6430, -12.1490, -23.3659
Hunter-Lab	47.7370, -20.5154, 14.3950

Details

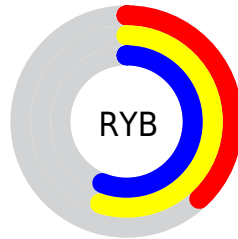
The Hex color **618E63** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **8E618C**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **95C496**, and **305B34** is the 20% darker color. If you saturate the color by 10%, you get **538E55**, and if you desaturate by 10%, it is **6F8E71**.

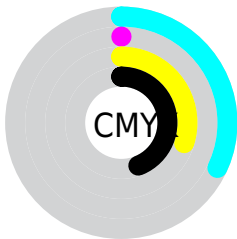
Distribution



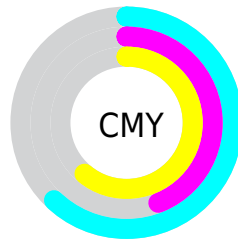
- Red (38%)
- Green (56%)
- Blue (39%)



- Red (38%)
- Yellow (55%)
- Blue (56%)



- Cyan (32%)
- Magenta (0%)
- Yellow (30%)
- Black (44%)



- Cyan (62%)
- Magenta (44%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 618E63 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 618E63 by changing the saturation by 10% instead.

■ 618E63

FFFFFF

■ 95C496

■ B0E0B1

■ CCFDCC

■ E8FFE9

■ 618E63

■ 538E55

■ 458E48

■ 618E63

■ 48744B

■ 305B34

■ 18441E

■ 002D07

■ 001A00

■ 000000

■ 618E63

■ 6F8E71

■ 7D8E7E

 368E3A

 8C8E8C

 288E2D

 9A8E99

 1A8E1F

 A88EA7

 0C8E12

 B68EB4

 008E06

 C48EC2

 D38ED0

 E18EDD

Harmonies

Analogous

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



808852



618E63



3F917C

Triad

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



618E63



5388B7



B77070

Complementary

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



618E63



8E618C

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.



B26F8A



618E63



7E7FB4

Square

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



618E63



268EAD



9F75A3



AE775A

Rectangle

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



618E63



26918F



9F75A3



B76F78

Sweetspot

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



618E63



A5B8A6



8D8E61



515C51



DBDBDB



5C5C5C

Same Dimension

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



618E63



72B875



618E79



404741



008706



000800

Inverse Universe

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



8E618C



B872B4



8E6176



474047



870081



080007

Previews

White Background



This preview shows how the Hex color 618E63 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

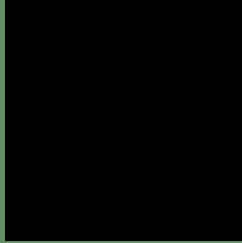
Any Text WCAG AA ✓ Pass

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 618E63 Background



This preview shows how black text looks on a background with the Hex color 618E63.

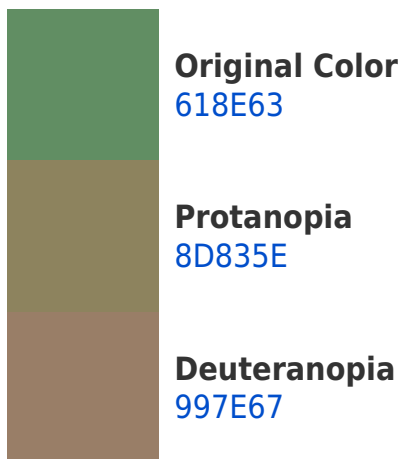



This preview shows how white text looks on a background with the Hex color 618E63.

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
6A8893

Trichromacy



Original Color
618E63

Protanomaly
7D8760

Deuteranomaly
858466

Tritanomaly
678A82

Monochromacy



Original Color
618E63

Achromatopsia
7C7C7C

Achromatomaly
728373

CSS Examples

Text

The CSS property to change the color of the text to Hex 618E63 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 #618E63 looks like.

```
.text, #text, p{  
    color:#618E63  
}
```

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 #618E63 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #618E63  
}
```

Border

The CSS property to change the border of an element to Hex 618E63 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  
#618E63 }
```

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

```
.border{ border-color:#618E63 }
```

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

Here you see how a box with a 4 pixel #618E63 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #618E63; -webkit-box-shadow:4px 4px  
4px 4px #618E63; box-shadow:4px 4px 4px  
4px #618E63 }
```

Background

The CSS property to change the background color of an element to Hex 618E63 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#618E63 }
```

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

```
.background{ background-color:#618E63 }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor