

# Converting Colors

Hex(618F62)

Have a look what the booklet for  
Hex(618F62) contains.

<b>Hex(618F62)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(618F62)

# Conversions

## Conversions Part 1

Format	Color
Hex	618F62
RGB	97, 143, 98
RGB Percent	38%, 56%, 38%
CMY	0.6196, 0.4392, 0.6157
CMYK	0.32, 0.00, 0.31, 0.44
HSL	121°, 19%, 47%
HSV	121°, 32%, 56%
XYZ	16.9568, 23.0682, 15.1142
YIQ	124.1160, -12.9710, -23.7470

# Conversions

## Conversions Part 2

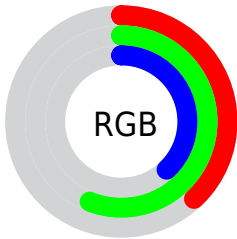
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	97, 142, 143
Decimal	6393698
CIE <sub>Lab</sub>	55.14, -25.17, 19.10
CIE <sub>LCh</sub>	55, 31.603, 142.806
Yxy	23.0682, 0.3075, 0.4184
Android (android.graphics.Color)	4284583778 (0xFF618F62)
YUV	124.1160, -12.8752, -23.7807
Hunter-Lab	48.0293, -21.0316, 14.9628

# Details

The Hex color **618F62** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **8F618E**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **95C595**, and **305C33** is the 20% darker color. If you saturate the color by 10%, you get **538F54**, and if you desaturate by 10%, it is **6F8F70**.

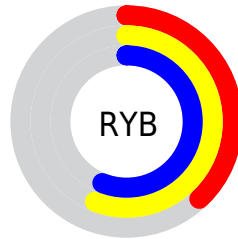
# Distribution



Red (38%)

Green (56%)

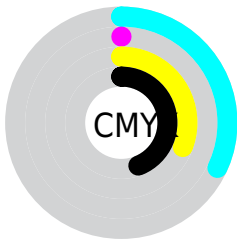
Blue (38%)



Red (38%)

Yellow (56%)

Blue (56%)

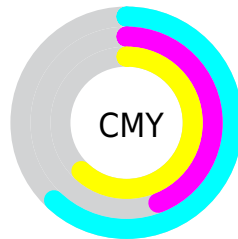


Cyan (32%)

Magenta (0%)

Yellow (31%)

Black (44%)



Cyan (62%)

Magenta (44%)

Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 618F62 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 618F62 by changing the saturation by 10% instead.



 618F62

 618F62

FFFFFF

 48754A

 95C595

 305C33

 B0E1B0

 17441D

 CCFECB

 002E06

 E8FFE7

 001B00

 000000

 618F62

 618F62

 538F54

 6F8F70

 448F46

 7E8F7E

 368F38

 8C8F8C

 288F2A

 9A8F9A

 198F1C

 A98FA8

 0B8F0E

 B78FB6

 008F03

 C58FC4

 D38FD2

 E28FE0

# Harmonies

## Analogous

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



818951



618F62



3D927C

# Triad

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



618F62



5089BA



B97070

# Complementary

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



618F62



8F618E

# 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.



B46F8C



618F62



7E7FB6

# Square

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



618F62



1D8FAF



A076A5



B07759

# Rectangle

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



618F62



20938F



A076A5



B96F79



# Sweetspot

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



618F62



A8BAA8



8E8F61



535E53



DEDEDE



5E5E5E



# Same Dimension

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



618F62



72BA73



618F79



404740



008703



000800



# Inverse Universe

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



8F618E



BA72B9



8F6177



474047



870084



080007



# Previews

## White Background



This preview shows how the Hex color 618F62 looks on a white background.

## Color Contrast Check

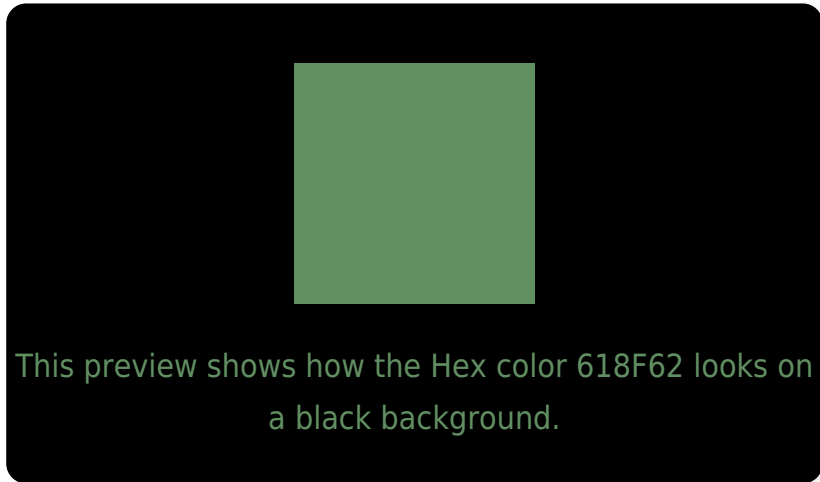
Large Text (above 18pt) WCAG AA ✓ Pass

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

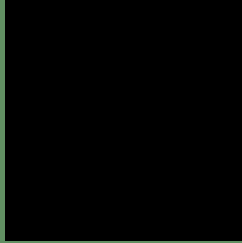
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 618F62 Background



This preview shows how black text looks on a background with the Hex color 618F62.



This preview shows how white text looks on a background with the Hex color 618F62.

# 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



**Original Color**  
618F62

**Protanopia**  
8E835D

**Deuteranopia**  
9A7E66



**Tritanopia**  
6A8994

# Trichromacy



**Original Color**  
618F62

**Protanomaly**  
7E875F

**Deuteranomaly**  
858465

**Tritanomaly**  
678B82

# Monochromacy



**Original Color**  
618F62

**Achromatopsia**  
7C7C7C

**Achromatomaly**  
728373

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 618F62 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 #618F62 looks like.

```
.text, #text, p{  
    color:#618F62  
}
```

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 #618F62 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #618F62
}
```

## Border

The CSS property to change the border of an element to Hex 618F62 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
#618F62 }
```

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

```
.border{ border-color:#618F62 }
```

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

Here you see how a box with a 4 pixel #618F62 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #618F62; -webkit-box-shadow:4px 4px  
4px 4px #618F62; box-shadow:4px 4px 4px  
4px #618F62 }
```

# Background

The CSS property to change the background color of an element to Hex 618F62 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#618F62 }
```

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

```
.background{ background-color:#618F62 }
```

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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