

# Converting Colors

Hex(618B4F)

Have a look what the booklet for  
Hex(618B4F) contains.

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# Color

Hex(618B4F)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	618B4F
RGB	97, 139, 79
RGB Percent	38%, 55%, 31%
CMY	0.6196, 0.4549, 0.6902
CMYK	0.30, 0.00, 0.43, 0.45
HSL	102°, 28%, 43%
HSV	102°, 43%, 55%
XYZ	15.5737, 21.5711, 10.7400
YIQ	119.6020, -5.7720, -27.5640

# Conversions

## Conversions Part 2

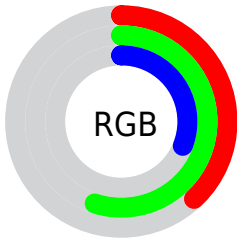
<b>Format</b>	<b>Color</b>
<b>RYB</b>	79, 139, 121
Decimal	6392655
CIELab	53.57, -26.26, 27.54
CIELCh	54, 38.054, 133.643
Yxy	21.5711, 0.3252, 0.4505
Android (android.graphics.Color)	4284582735 (0xFF618B4F)
YUV	119.6020, -20.0168, -19.8220
Hunter-Lab	46.4447, -21.4244, 18.8010

# Details

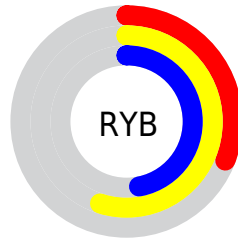
The Hex color **618B4F** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **794F8B**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **95C181**, and **305921** is the 20% darker color. If you saturate the color by 10%, you get **578B41**, and if you desaturate by 10%, it is **6B8B5D**.

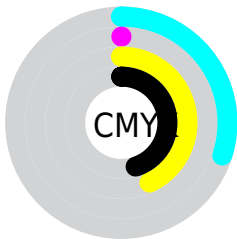
# Distribution



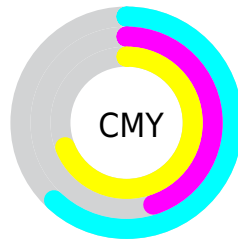
- Red (38%)
- Green (55%)
- Blue (31%)



- Red (31%)
- Yellow (55%)
- Blue (47%)



- Cyan (30%)
- Magenta (0%)
- Yellow (43%)
- Black (45%)



- Cyan (62%)
- Magenta (45%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 618B4F 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 618B4F by changing the saturation by 10% instead.





618B4F



618B4F

FFFFFF



487137



95C181



305921



B0DD9B



174109



CCF9B6



002A00



E9FFD2



001500



FFFFEF



000000



618B4F



618B4F



578B41



6B8B5D



4E8B33



748B6B

 448B25

 7E8B79

 3A8B17

 888B87

 308B0A

 928B94

 2A8B00

 9B8BA2

 A58BB0

 AF8BBE

 B98BCC

# Harmonies

## Analogous

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



85833E



618B4F



30906C

# Triad

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



618B4F



0D88BE



BE6572

# Complementary

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



618B4F



794F8B

# 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.



B46793



618B4F



667EC0

# Square

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



618B4F



008FAC



9672B0



B86C54

# Rectangle

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



618B4F



009183



9672B0



BD657D



# Sweetspot

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



618B4F



A5B59E



8B794F



525C4D



DBDBDB



5C5C5C



# Same Dimension

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



618B4F



73B557



4F8B5B



40453E



288500



020500



# Inverse Universe

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



794F8B



9957B5



8B4F7F



433E45



5D0085



040005



# Previews

## White Background



This preview shows how the Hex color 618B4F looks on a white background.

## Color Contrast Check

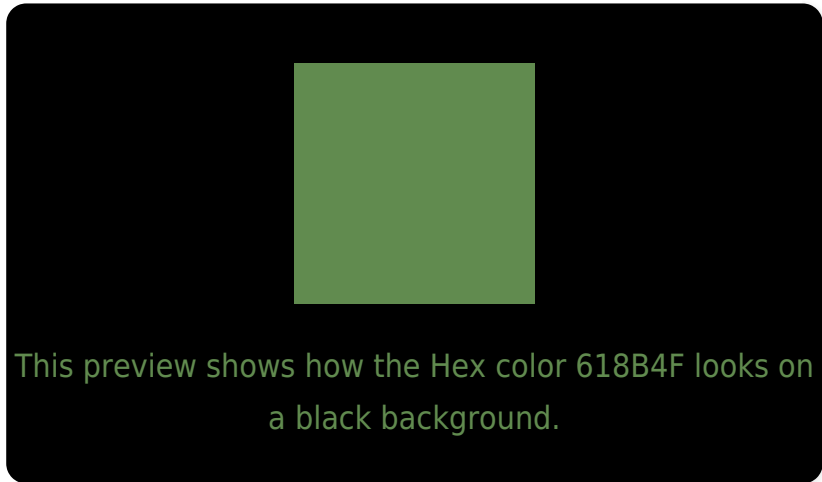
Large Text (above 18pt) WCAG AA ✓ Pass

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

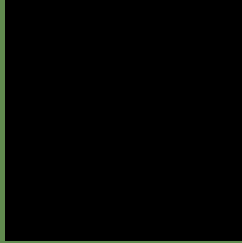
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 618B4F Background



This preview shows how black text looks on a background with the Hex color 618B4F.



This preview shows how white text looks on a background with the Hex color 618B4F.

# 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**  
618B4F

**Protanopia**  
8C804B

**Deuteranopia**  
997A53

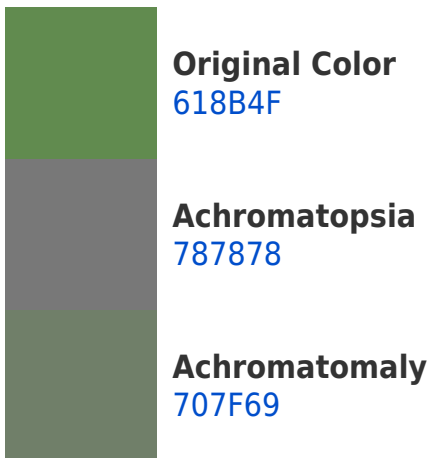


**Tritanopia**  
6B848E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 618B4F 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 #618B4F looks like.

```
.text, #text, p{  
    color:#618B4F  
}
```

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 #618B4F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #618B4F  
}
```

## Border

The CSS property to change the border of an element to Hex 618B4F 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  
#618B4F }
```

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

```
.border{ border-color:#618B4F }
```

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

Here you see how a box with a 4 pixel #618B4F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #618B4F; -webkit-box-shadow:4px 4px  
4px 4px #618B4F; box-shadow:4px 4px 4px  
4px #618B4F }
```

# Background

The CSS property to change the background color of an element to Hex 618B4F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#618B4F }
```

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

```
.background{ background-color:#618B4F }
```

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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