

# Converting Colors

Hex(699E62)

Have a look what the booklet for  
Hex(699E62) contains.

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# Color

Hex(699E62)

# Conversions

## Conversions Part 1

Format	Color
Hex	699E62
RGB	105, 158, 98
RGB Percent	41%, 62%, 38%
CMY	0.5882, 0.3804, 0.6157
CMYK	0.34, 0.00, 0.38, 0.38
HSL	113°, 24%, 50%
HSV	113°, 38%, 62%
XYZ	20.2572, 28.3388, 15.9575
YIQ	135.3130, -12.3280, -29.8960

# Conversions

## Conversions Part 2

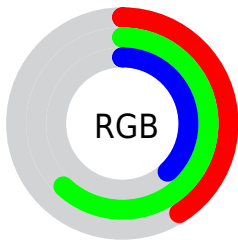
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	98, 158, 151
Decimal	6921826
CIE <sub>Lab</sub>	60.19, -29.76, 25.92
CIE <sub>LCh</sub>	60, 39.464, 138.940
Yxy	28.3388, 0.3138, 0.4390
Android (android.graphics.Color)	4285111906 (0xFF699E62)
YUV	135.3130, -18.3953, -26.5845
Hunter-Lab	53.2342, -25.2355, 19.4911

# Details

The Hex color **699E62** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **97629E**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **9ED595**, and **366A32** is the 20% darker color. If you saturate the color by 10%, you get **5B9E52**, and if you desaturate by 10%, it is **779E72**.

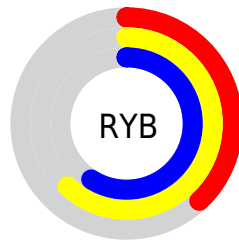
# Distribution



Red (41%)

Green (62%)

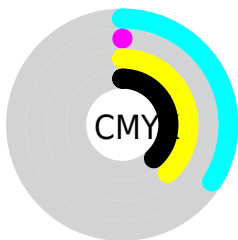
Blue (38%)



Red (38%)

Yellow (62%)

Blue (59%)

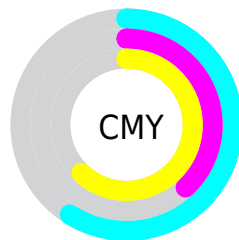


Cyan (34%)

Magenta (0%)

Yellow (38%)

Black (38%)



Cyan (59%)

Magenta (38%)

Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 699E62 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 699E62 by changing the saturation by 10% instead.





699E62



699E62

FFFFFF



4F844A



9ED595



366A32



BAF1B0



1D521C



D6FFCC



003A04



F3FFE8



002500



000100



000000



699E62



699E62



5B9E52



779E72

 4D9E42

 859E82

 3F9E33

 939E91

 319E23

 A19EA1

 239E13

 AF9EB1

 159E03

 BD9EC1

 129E00

 CB9ED1

 D99EE0

 E79EF0

# Harmonies

## Analogous

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



91964D



699E62



34A283

# Triad

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



699E62



3B98D5



D4767C

# Complementary

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



699E62



97629E

# 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.



CC769F



699E62



808DD3

# Square

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



699E62



00A0C5



B080BF



CA7E5E

# Rectangle

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



699E62



00A39B



B080BF



D37588



# Sweetspot

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



699E62



BACFB8



9E9762



5D695B



E8E8E8



696969



# Same Dimension

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



699E62



7BCF70



629E79



484F47



118F00



020F00



# Inverse Universe

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



97629E



C370CF



9E6287



4E474F



7E008F



0E000F



# Previews

## White Background



This preview shows how the Hex color 699E62 looks on a white background.

## Color Contrast Check

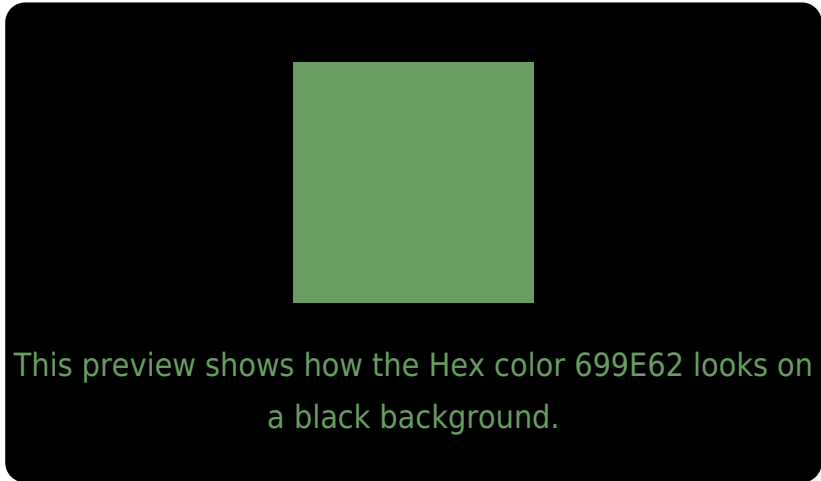
Large Text (above 18pt) WCAG AA ✓ Pass

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 699E62 Background



This preview shows how black text looks on a background with the Hex color 699E62.



This preview shows how white text looks on a background with the Hex color 699E62.

# 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**  
7596A2

# Trichromacy



**Original Color**  
699E62

**Protanomaly**  
8A955F

**Deuteranomaly**  
949165

**Tritanomaly**  
71998B

# Monochromacy



**Original Color**  
699E62

**Achromatopsia**  
878787

**Achromatomaly**  
7C8F7A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 699E62 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 #699E62 looks like.

```
.text, #text, p{  
    color:#699E62  
}
```

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 #699E62 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #699E62
}
```

## Border

The CSS property to change the border of an element to Hex 699E62 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
#699E62 }
```

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

```
.border{ border-color:#699E62 }
```

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

Here you see how a box with a 4 pixel #699E62 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #699E62; -webkit-box-shadow:4px 4px  
4px 4px #699E62; box-shadow:4px 4px 4px  
4px #699E62 }
```

# Background

The CSS property to change the background color of an element to Hex 699E62 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#699E62 }
```

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

```
.background{ background-color:#699E62 }
```

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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