

# Converting Colors

Hex(699866)

Have a look what the booklet for  
Hex(699866) contains.

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# Color

Hex(699866)

# Conversions

## Conversions Part 1

Format	Color
Hex	699866
RGB	105, 152, 102
RGB Percent	41%, 60%, 40%
CMY	0.5882, 0.4039, 0.6000
CMYK	0.31, 0.00, 0.33, 0.40
HSL	116°, 20%, 50%
HSV	116°, 33%, 60%
XYZ	19.4522, 26.4190, 16.6445
YIQ	132.2470, -11.9620, -25.5140

# Conversions

## Conversions Part 2

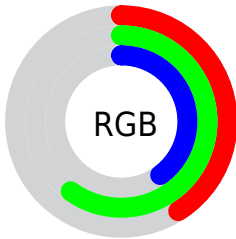
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	102, 152, 149
Decimal	6920294
CIE <sub>Lab</sub>	58.43, -26.18, 21.39
CIE <sub>LCh</sub>	58, 33.806, 140.740
Yxy	26.4190, 0.3112, 0.4226
Android (android.graphics.Color)	4285110374 (0xFF699866)
YUV	132.2470, -14.9118, -23.8956
Hunter-Lab	51.3995, -22.3954, 16.7799

# Details

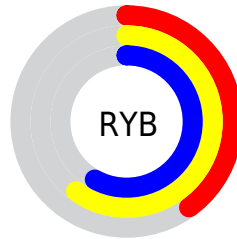
The Hex color **699866** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **956698**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **9ECF99**, and **376536** is the 20% darker color. If you saturate the color by 10%, you get **5B9857**, and if you desaturate by 10%, it is **779875**.

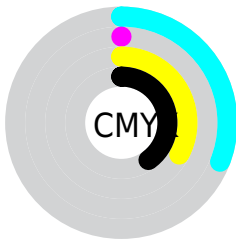
# Distribution



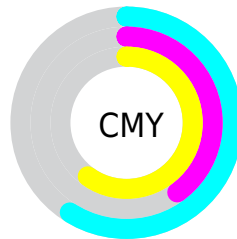
- Red (41%)
- Green (60%)
- Blue (40%)



- Red (40%)
- Yellow (60%)
- Blue (58%)



- Cyan (31%)
- Magenta (0%)
- Yellow (33%)
- Black (40%)



- Cyan (59%)
- Magenta (40%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 699866 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 699866 by changing the saturation by 10% instead.



 699866

 699866

FFFFFF

 507E4E

 9ECF99

 376536

 B9EBB4

 1F4C20

 D5FFD0

 04350A

 F2FFEC

 002100

 000000

 699866

 699866

 5B9857

 779875

 4C9848

 869884

 3E9838

 949894

 309829

 A298A3

 22981A

 B098B2

 13980B

 BF98C1

 099800

 CD98D0

 DB98E0

 EA98EF

# Harmonies

## Analogous

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



8B9154



699866



419C82

# Triad

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



699866



5092C6



C67679

# Complementary

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



699866



956698

# 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.



C07697



699866



8288C4

# Square

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



699866



1099BA



A97DB2



BD7D60

# Rectangle

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



699866



209C97



A97DB2



C67583



# Sweetspot

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



699866



B2C4B1



989566



586358



E3E3E3



636363



# Same Dimension

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



699866



7CC478



66987C



454D45



088C00



010D00



# Inverse Universe

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



956698



C078C4



986682



4C454D



84008C



0C000D



# Previews

## White Background



This preview shows how the Hex color 699866 looks on a white background.

## Color Contrast Check

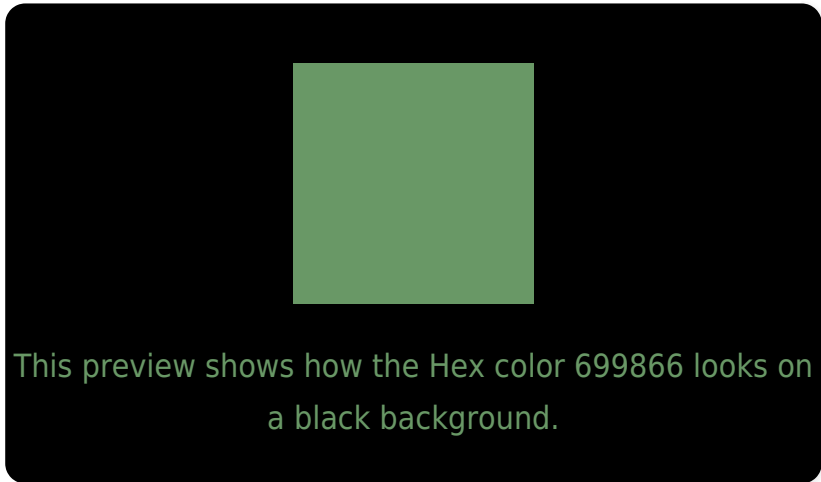
Large Text (above 18pt) WCAG AA ✓ Pass

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

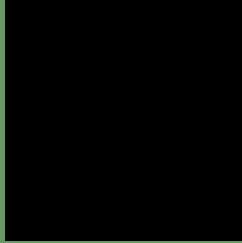
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 699866 Background



This preview shows how black text looks on a background with the Hex color 699866.




This preview shows how white text looks on a background with the Hex color 699866.

# 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**  
73919D

# Trichromacy



**Original Color**  
699866

**Protanomaly**  
869063

**Deuteranomaly**  
8F8D69

**Tritanomaly**  
6F9489

# Monochromacy



**Original Color**  
699866

**Achromatopsia**  
848484

**Achromatomaly**  
7A8B79

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 699866 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 #699866 looks like.

```
.text, #text, p{  
    color:#699866  
}
```

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 #699866 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #699866 }  
}
```

## Border

The CSS property to change the border of an element to Hex 699866 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 #699866 }  
}
```

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

```
.border{ border-color:#699866 }
```

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

Here you see how a box with a 4 pixel #699866 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #699866; -webkit-box-shadow:4px 4px  
4px 4px #699866; box-shadow:4px 4px 4px  
4px #699866 }
```

# Background

The CSS property to change the background color of an element to Hex 699866 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#699866 }
```

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

```
.background{ background-color:#699866 }
```

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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