

# Converting Colors

Hex(699D66)

Have a look what the booklet for  
Hex(699D66) contains.

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**Color**

**Hex(699D66)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	699D66
RGB	105, 157, 102
RGB Percent	41%, 62%, 40%
CMY	0.5882, 0.3843, 0.6000
CMYK	0.33, 0.00, 0.35, 0.38
HSL	117°, 22%, 51%
HSV	117°, 35%, 62%
XYZ	20.2809, 28.0765, 16.9208
YIQ	135.1820, -13.3370, -28.1290

# Conversions

## Conversions Part 2

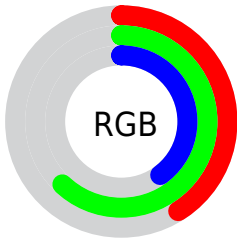
<b>Format</b>	<b>Color</b>
<b>RYB</b>	102, 157, 154
Decimal	6921574
CIELab	59.96, -28.62, 23.43
CIElCh	60, 36.993, 140.691
Yxy	28.0765, 0.3107, 0.4301
Android (android.graphics.Color)	4285111654 (0xFF699D66)
YUV	135.1820, -16.3587, -26.4696
Hunter-Lab	52.9873, -24.4066, 18.1576

# Details

The Hex color **699D66** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **9A669D**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **9ED499**, and **376936** is the 20% darker color. If you saturate the color by 10%, you get **5A9D56**, and if you desaturate by 10%, it is **789D76**.

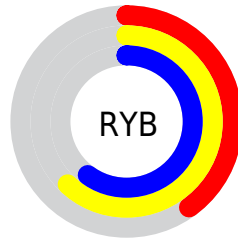
# Distribution



Red (41%)

Green (62%)

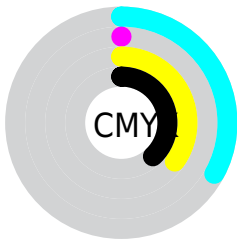
Blue (40%)



Red (40%)

Yellow (62%)

Blue (60%)

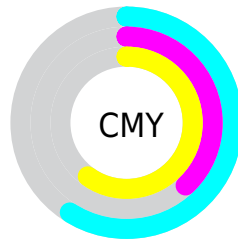


Cyan (33%)

Magenta (0%)

Yellow (35%)

Black (38%)



Cyan (59%)

Magenta (38%)

Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 699D66 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 699D66 by changing the saturation by 10% instead.





699D66



699D66

FFFFFF



50834E



9ED499



376936



B9F0B4



1D5120



D6FFD0



00390A



F2FFEC



002400



000000



699D66



699D66



5A9D56



789D76



4B9D47



879D85

 3C9D37

 969D95

 2E9D27

 A49DA5

 1F9D17

 B39DB5

 109D08

 C29DC4

 099D00

 D19DD4

 E09DE4

 EF9DF3

# Harmonies

## Analogous

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



8F9652



699D66



3AA185

# Triad

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



699D66



4A97D0



CF787B

# Complementary

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



699D66



9A669D

# 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.



C9779C



699D66



858CCD

# Square

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



699D66



009EC2



AF80BA



C5805F

# Rectangle

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



699D66



00A29B



AF80BA



CF7786



# Sweetspot

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



699D66



B7CCB6



9D9966



596659



E6E6E6



666666



# Same Dimension

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



699D66



7BCC76



669D7E



484F47



088F00



010F00



# Inverse Universe

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



9A669D



C776CC



9D6685



4F474F



87008F



0E000F



# Previews

## White Background



This preview shows how the Hex color 699D66 looks on a white background.

## Color Contrast Check

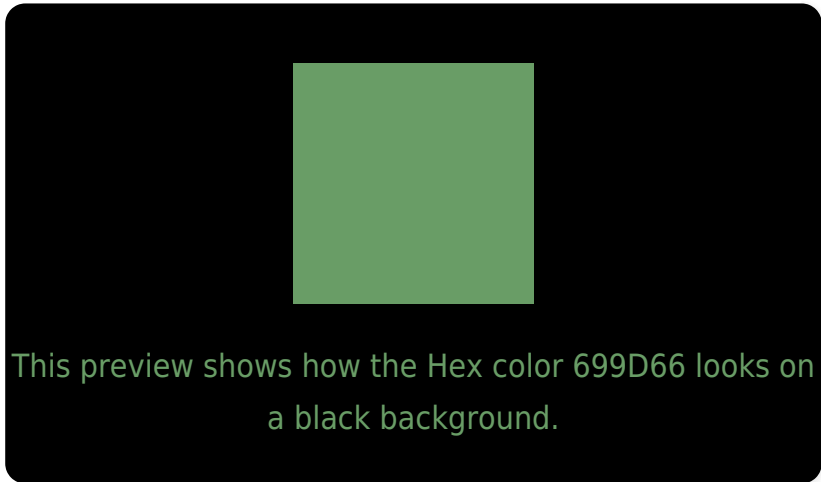
Large Text (above 18pt) WCAG AA ✓ Pass

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

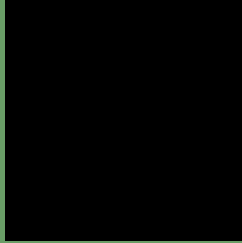
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 699D66 Background



This preview shows how black text looks on a background with the Hex color 699D66.



This preview shows how white text looks on a background with the Hex color 699D66.

# 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**  
699D66

**Protanopia**  
9C9061

**Deuteranopia**  
AA8A6A



**Tritanopia**  
7496A2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 699D66 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 #699D66 looks like.

```
.text, #text, p{  
    color:#699D66  
}
```

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 #699D66 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #699D66
}
```

## Border

The CSS property to change the border of an element to Hex 699D66 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
#699D66 }
```

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

```
.border{ border-color:#699D66 }
```

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

Here you see how a box with a 4 pixel #699D66 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #699D66; -webkit-box-shadow:4px 4px  
4px 4px #699D66; box-shadow:4px 4px 4px  
4px #699D66 }
```

# Background

The CSS property to change the background color of an element to Hex 699D66 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#699D66 }
```

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

```
.background{ background-color:#699D66 }
```

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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