

# Converting Colors

Hex(696659)

Have a look what the booklet for  
Hex(696659) contains.

|  |    |
|--|----|
| <b>Hex(696659)</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(696659)**

# Conversions

## Conversions Part 1

| Format      | Color                     |
|-------------|---------------------------|
| Hex         | 696659                    |
| RGB         | 105, 102, 89              |
| RGB Percent | 41%, 40%, 35%             |
| CMY         | 0.5882, 0.6000, 0.6510    |
| CMYK        | 0.00, 0.03, 0.15, 0.59    |
| HSL         | 49°, 8%, 38%              |
| HSV         | 49°, 15%, 41%             |
| XYZ         | 12.3802, 13.2273, 11.3518 |
| YIQ         | 101.4150, 5.9610, -3.4070 |

# Conversions

## Conversions Part 2

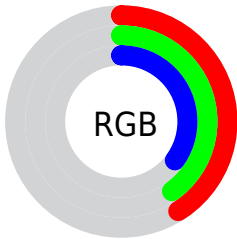
| <b>Format</b>                       | <b>Color</b>                 |
|-------------------------------------|------------------------------|
| <b>RYB</b>                          | 93, 105, 89                  |
| Decimal                             | 6907481                      |
| CIELab                              | 43.10, -1.30, 7.77           |
| CIElCh                              | 43, 7.881, 99.515            |
| Yxy                                 | 13.2273, 0.3350,<br>0.3579   |
| Android<br>(android.graphics.Color) | 4285097561<br>(0xFF696659)   |
| YUV                                 | 101.4150, -6.1206,<br>3.1440 |
| Hunter-Lab                          | 36.3693, -2.8843,<br>6.9526  |

# Details

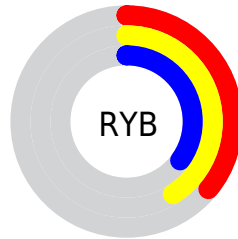
The Hex color **696659** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **595C69**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **9C998B**, and **3A372C** is the 20% darker color. If you saturate the color by 10%, you get **69644F**, and if you desaturate by 10%, it is **696863**.

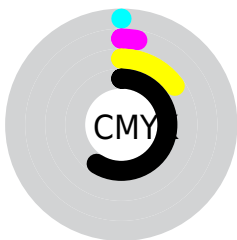
# Distribution



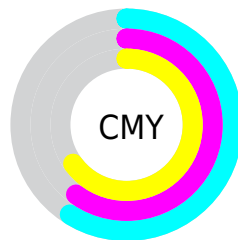
- Red (41%)
- Green (40%)
- Blue (35%)



- Red (36%)
- Yellow (41%)
- Blue (35%)



- Cyan (0%)
- Magenta (3%)
- Yellow (15%)
- Black (59%)



- Cyan (59%)
- Magenta (60%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 696659 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 696659 by changing the saturation by 10% instead.





696659



696659

FFFFFF



514E42



9C998B



3A372C



B7B4A5



242217



D3CFC0



0E0C00



EFEBDC



000000



FFFFF9



696659



696659



69644F



696863



696244



696A6E

■ 69603A

■ 696C78

■ 695E2F

■ 696E83

■ 695C25

■ 69708E

■ 695A1A

■ 697298

■ 69580F

■ 6974A2

■ 695605

■ 6976AD

■ 695500

■ 6978B8

# Harmonies

## Analogous

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



6F645A



696659



61685C

# Triad

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



696659



56696E



70626B

# Complementary

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



696659



595C69

# 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.



6A6370



696659



5A6872

# Square

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



696659



566A68



626673



746164

# Rectangle

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



696659



5D695F



626673



6E626D



# Sweetspot

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



696659



8A8883



69595C



454441



C4C4C4



454545



# Same Dimension

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



696659



8A8571



646959



363530



755F00



F5C700



# Inverse Universe

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



595C69



71768A



5E5969



303136



001675



002EF5



# Previews

## White Background



This preview shows how the Hex color 696659 looks on a white background.

## Color Contrast Check

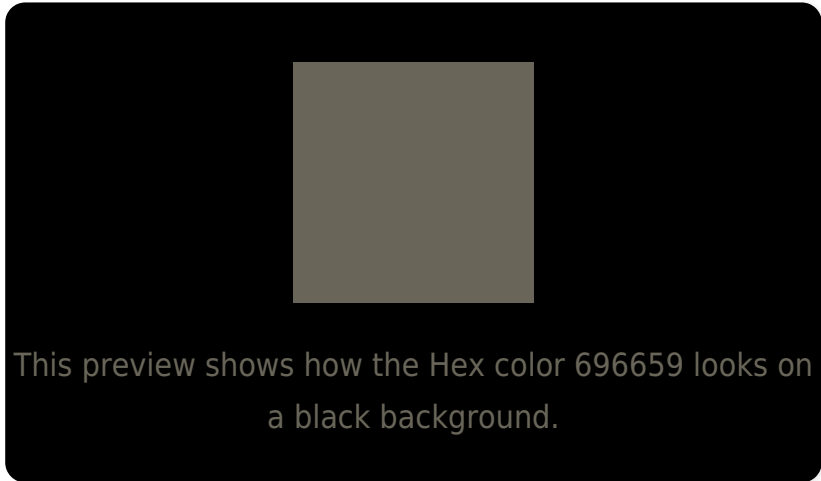
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

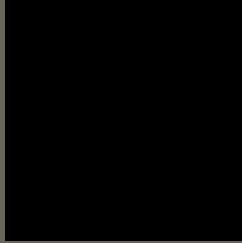
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 696659 Background



This preview shows how black text looks on a background with the Hex color 696659.

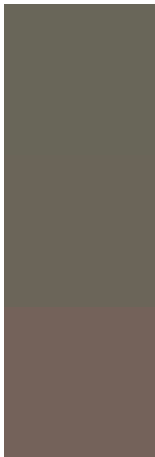


This preview shows how white text looks on a background with the Hex color 696659.

# 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**  
696659

**Protanopia**  
6B6559

**Deuteranopia**  
74625A



**Tritanopia**  
6B636B

# Trichromacy



**Original Color**  
696659

**Protanomaly**  
6A6559

**Deuteranomaly**  
70635A

**Tritanomaly**  
6A6464

# Monochromacy



**Original Color**  
696659

**Achromatopsia**  
656565

**Achromatomaly**  
666561

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 696659 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 #696659 looks like.

```
.text, #text, p{  
    color:#696659  
}
```

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 #696659 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #696659
}
```

## Border

The CSS property to change the border of an element to Hex 696659 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
#696659 }
```

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

```
.border{ border-color:#696659 }
```

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

Here you see how a box with a 4 pixel #696659 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #696659; -webkit-box-shadow:4px 4px  
4px 4px #696659; box-shadow:4px 4px 4px  
4px #696659 }
```

# Background

The CSS property to change the background color of an element to Hex 696659 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#696659 }
```

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

```
.background{ background-color:#696659 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor