

# Converting Colors

Hex(701F68)

Have a look what the booklet for  
Hex(701F68) contains.

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**Color**

**Hex(701F68)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	701F68
RGB	112, 31, 104
RGB Percent	44%, 12%, 41%
CMY	0.5608, 0.8784, 0.5922
CMYK	0.00, 0.72, 0.07, 0.56
HSL	306°, 57%, 28%
HSV	306°, 72%, 44%
XYZ	9.6708, 5.4242, 13.6340
YIQ	63.5410, 24.8430, 39.8750

# Conversions

## Conversions Part 2

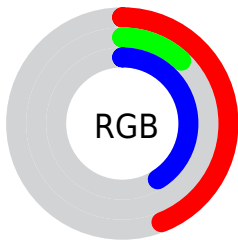
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	112, 31, 104
Decimal	7348072
CIE <sub>Lab</sub>	27.91, 44.15, -24.35
CIE <sub>LCh</sub>	28, 50.422, 331.124
Yxy	5.4242, 0.3366, 0.1888
Android (android.graphics.Color)	4285538152 (0xFF701F68)
YUV	63.5410, 19.9463, 42.4985
Hunter-Lab	23.2899, 33.3620, -18.4056

# Details

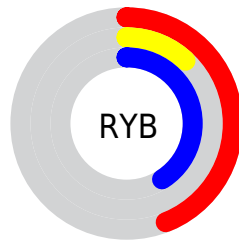
The Hex color **701F68** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **1F7027**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **A6539B**, and **3D0038** is the 20% darker color. If you saturate the color by 10%, you get **701467**, and if you desaturate by 10%, it is **702A69**.

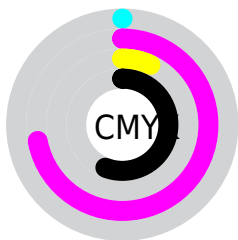
# Distribution



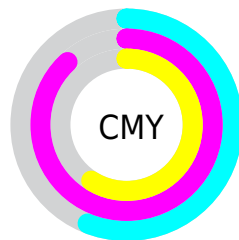
- Red (44%)
- Green (12%)
- Blue (41%)



- Red (44%)
- Yellow (12%)
- Blue (41%)



- Cyan (0%)
- Magenta (72%)
- Yellow (7%)
- Black (56%)



- Cyan (56%)
- Magenta (88%)
- Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 701F68 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 701F68 by changing the saturation by 10% instead.



 701F68

 701F68

FFFFFF

 560050


 A6539B

 3D0038

 C26DB6

 270023

 DF88D2

 000009

 FCA3EF

 000000

 FFBFFF

 FFD8FF

 FFF8FF

 701F68

 701F68

701467

702A69

700966

70356A

700065

70416B

704C6C

70576E

70626F

706D70

707971

708472

# Harmonies

## Analogous

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



3E3785



701F68



830942

# Triad

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



701F68



504100



005269

# Complementary

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



701F68



1F7027

# 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.



005242



701F68



294B00

# Square

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



701F68



6E3000



005019



004F86

# Rectangle

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



701F68



831129



005019



00525D



# Sweetspot

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



701F68



91718E



261F70



4A3748



C9C9C9



4A4A4A



# Same Dimension

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



701F68



911385



701F41



383238



78006C



F700DF



# Inverse Universe

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



701F68



911385



1F704E



383238



78006C

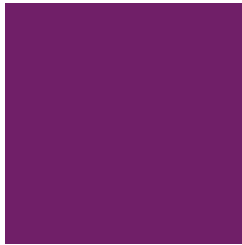


F700DF



# Previews

## White Background



This preview shows how the Hex color 701F68 looks on a white background.

## Color Contrast Check

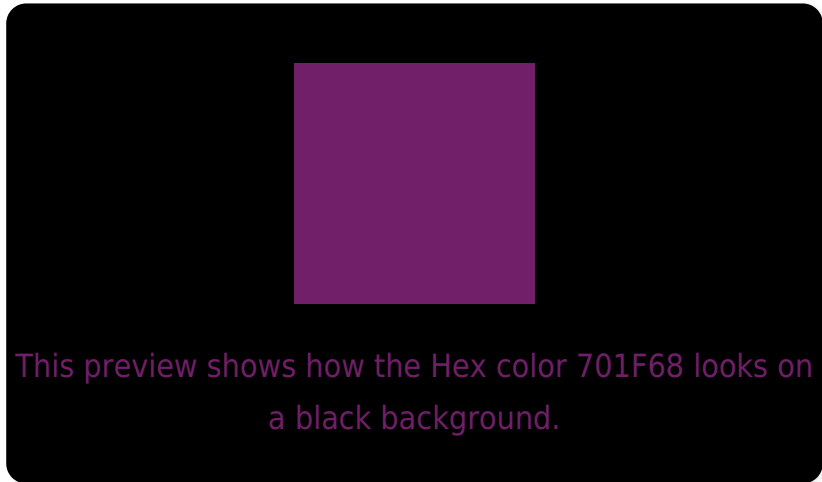
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

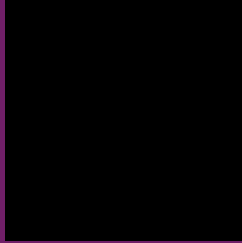
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 701F68 Background



This preview shows how black text looks on a background with the Hex color 701F68.




This preview shows how white text looks on a background with the Hex color 701F68.

# 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**  
6B3134

# Trichromacy



**Original Color**  
701F68



**Protanomaly**  
35357B



**Deuteranomaly**  
4B3665



**Tritanomaly**  
6D2A47

# Monochromacy



**Original Color**  
701F68



**Achromatopsia**  
404040



**Achromatomaly**  
51344F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 701F68 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 #701F68 looks like.

```
.text, #text, p{  
    color:#701F68  
}
```

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 #701F68 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #701F68
}
```

## Border

The CSS property to change the border of an element to Hex 701F68 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
#701F68 }
```

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

```
.border{ border-color:#701F68 }
```

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

Here you see how a box with a 4 pixel #701F68 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #701F68; -webkit-box-shadow:4px 4px  
4px 4px #701F68; box-shadow:4px 4px 4px  
4px #701F68 }
```

# Background

The CSS property to change the background color of an element to Hex 701F68 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#701F68 }
```

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

```
.background{ background-color:#701F68 }
```

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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