

# Converting Colors

Hex(701158)

Have a look what the booklet for  
Hex(701158) contains.

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# Color

**Hex(701158)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	701158
RGB	112, 17, 88
RGB Percent	44%, 7%, 35%
CMY	0.5608, 0.9333, 0.6549
CMYK	0.00, 0.85, 0.21, 0.56
HSL	315°, 74%, 25%
HSV	315°, 85%, 44%
XYZ	8.6440, 4.5502, 9.6552
YIQ	53.4990, 33.8290, 42.2210

# Conversions

## Conversions Part 2

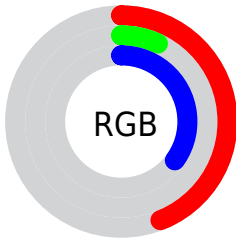
Format	Color
R <sub>YB</sub>	112, 17, 88
Decimal	7344472
CIE Lab	25.41, 46.35, -17.78
CIE LCh	25, 49.642, 339.007
Yxy	4.5502, 0.3783, 0.1991
Android (android.graphics.Color)	4285534552 (0xFF701158)
YUV	53.4990, 17.0090, 51.3054
Hunter-Lab	21.3313, 35.0033, -11.9047

# Details

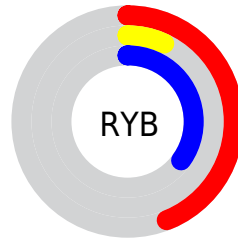
The Hex color **701158** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **117029**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **A7498A**, and **3C002A** is the 20% darker color. If you saturate the color by 10%, you get **700655**, and if you desaturate by 10%, it is **701C5B**.

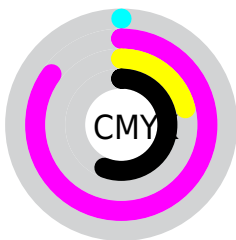
# Distribution



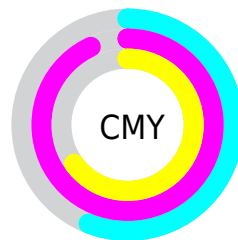
- Red (44%)
- Green (7%)
- Blue (35%)



- Red (44%)
- Yellow (7%)
- Blue (35%)



- Cyan (0%)
- Magenta (85%)
- Yellow (21%)
- Black (56%)



- Cyan (56%)
- Magenta (93%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 701158 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 701158 by changing the saturation by 10% instead.



 701158

 701158

FFFFFF

 560041

 A7498A

 3C002A

 C364A4

 240015

 E07EC0

 000000

 FD99DC

 FFB5F8

 FFD1FF

 FFEEFF

 701158

 701158

■ 700655

■ 701C5B

■ 700054

■ 70275E

■ 703360

■ 703E63

■ 704966

■ 705469

■ 705F6C

■ 706B6F

■ 707671

# Harmonies

## Analogous

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



492C77



701158



7C0033

# Triad

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



701158



413E00



004B6B

# Complementary

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



701158



117029

# 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.



004C47



701158



144600

# Square

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



701158



603000



004A1F



004883

# Rectangle

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



701158



79111A



004A1F



004C60



# Sweetspot

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



701158



916D88



291170



4A3444



C9C9C9



4A4A4A



# Same Dimension

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



701158



91006D



701129



383237



78005A



F700B9



# Inverse Universe

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



701158



91006D



117058



383237



78005A

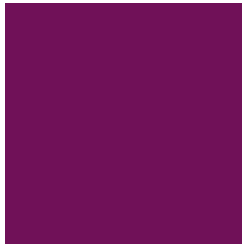


F700B9



# Previews

## White Background



This preview shows how the Hex color 701158 looks on a white background.

## Color Contrast Check

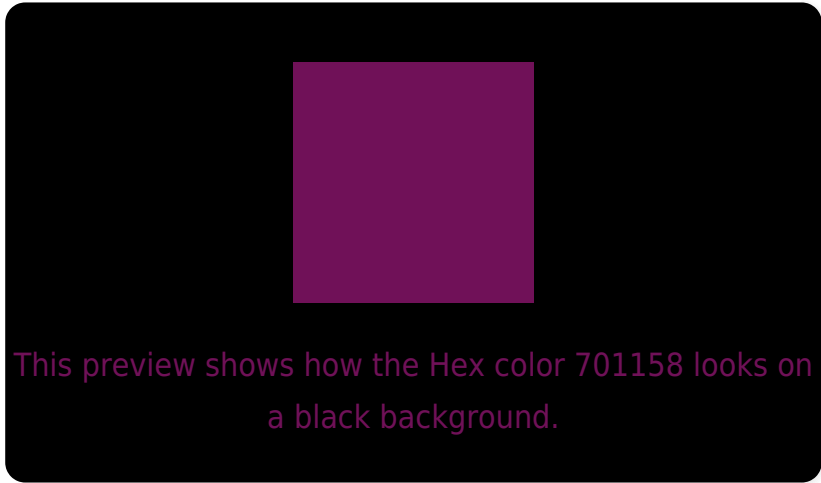
Large Text (above 18pt) WCAG AA ✓ Pass

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

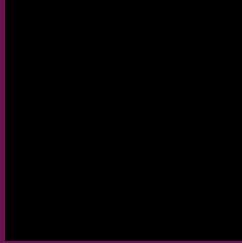
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 701158 Background



This preview shows how black text looks on a background with the Hex color 701158.



This preview shows how white text looks on a background with the Hex color 701158.

# 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**  
701158

**Protanopia**  
1A3C79

**Deuteranopia**  
393D53



**Tritanopia**  
6C2527

# Trichromacy



**Original Color**  
701158

**Protanomaly**  
392C6D

**Deuteranomaly**  
4D2D55

**Tritanomaly**  
6D1E39

# Monochromacy



**Original Color**  
701158

**Achromatopsia**  
353535

**Achromatomaly**  
4A2842

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 701158 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 #701158 looks like.

```
.text, #text, p{  
    color:#701158  
}
```

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 #701158 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #701158
}
```

## Border

The CSS property to change the border of an element to Hex 701158 is called "border". The border property can be set on classes, ids or directly on the HTML element.

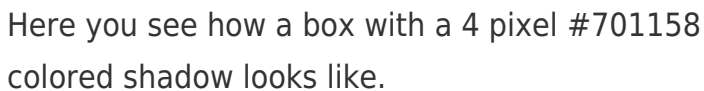
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#701158 }
```

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

```
.border{ border-color:#701158 }
```

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



Here you see how a box with a 4 pixel #701158 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #701158; -webkit-box-shadow:4px 4px  
4px 4px #701158; box-shadow:4px 4px 4px  
4px #701158 }
```

# Background

The CSS property to change the background color of an element to Hex 701158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#701158 }
```

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

```
.background{ background-color:#701158 }
```

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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