

# Converting Colors

Hex(700147)

Have a look what the booklet for  
Hex(700147) contains.

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# Color

**Hex(700147)**

# Conversions

## Conversions Part 1

Format	Color
Hex	700147
RGB	112, 1, 71
RGB Percent	44%, 0%, 28%
CMY	0.5608, 0.9961, 0.7216
CMYK	0.00, 0.99, 0.37, 0.56
HSL	322°, 98%, 22%
HSV	322°, 99%, 44%
XYZ	7.8303, 3.9214, 6.3054
YIQ	42.1690, 43.6860, 45.3020

# Conversions

## Conversions Part 2

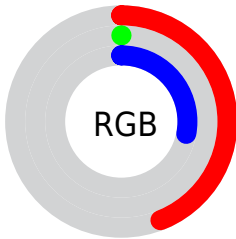
<b>Format</b>	<b>Color</b>
<b>RYB</b>	112, 1, 71
Decimal	7340359
CIELab	23.41, 47.69, -9.43
CIELCh	23, 48.615, 348.816
Yxy	3.9214, 0.4336, 0.2172
Android (android.graphics.Color)	4285530439 (0xFF700147)
YUV	42.1690, 14.2137, 61.2418
Hunter-Lab	19.8025, 35.9279, -5.0172

# Details

The Hex color **700147** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **01702A**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **A84177**, and **3C001C** is the 20% darker color. If you saturate the color by 10%, you get **700047**, and if you desaturate by 10%, it is **700C4B**.

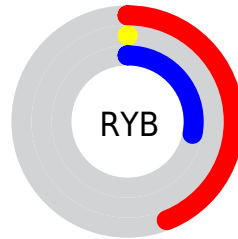
# Distribution



Red (44%)

Green (0%)

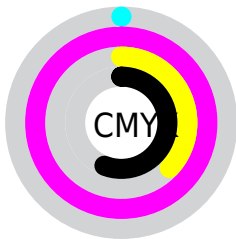
Blue (28%)



Red (44%)

Yellow (0%)

Blue (28%)

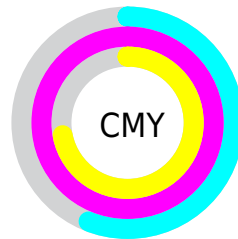


Cyan (0%)

Magenta (99%)

Yellow (37%)

Black (56%)



Cyan (56%)

Magenta (100%)

Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 700147 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 700147 by changing the saturation by 10% instead.



 700147

 700147

FFFFFF

 550031

 A84177

 3C001C

 C45C91

 210001

 E176AC

 000000

 FF91C7

 FFADE3

 FFC9FF

 FFE6FF

 700147

 700147

■ 700047

■ 700C4B

■ 70174F

■ 702353

■ 702E58

■ 70395C

■ 704460

■ 704F64

■ 705B68

■ 70666C

# Harmonies

## Analogous

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



542068



700147



750123

# Triad

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



700147



303D00



00466F

# Complementary

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



700147



01702A

# 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.



00474E



700147



004300

# Square

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



700147



513100



004628



004080

# Rectangle

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



700147



6E160A



004628



004665



# Sweetspot

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



700147



916681



2A0170



4A2F40



C9C9C9



4A4A4A



# Same Dimension

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



700147



91005C



700110



383236



78004C



F7009C



# Inverse Universe

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



700147



91005C



017061



383236



78004C

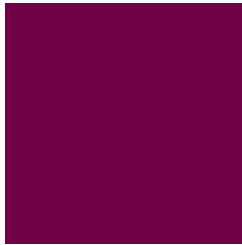


F7009C



# Previews

## White Background



This preview shows how the Hex color 700147 looks on a white background.

## Color Contrast Check

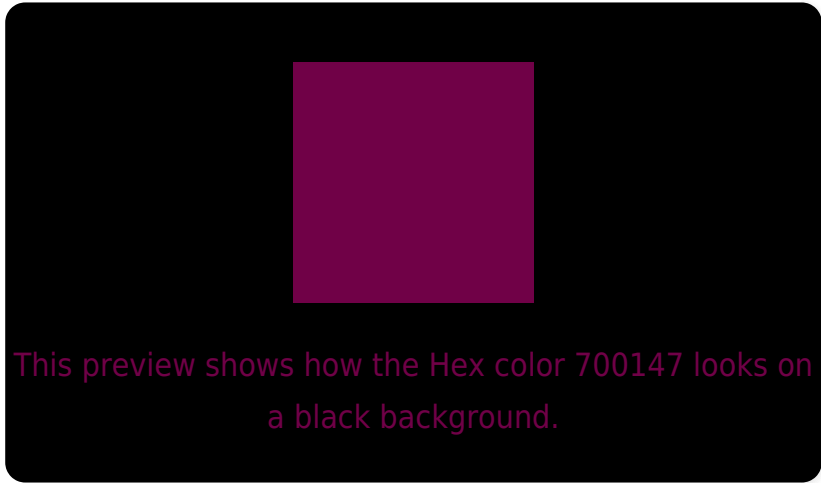
Large Text (above 18pt) WCAG AA ✓ Pass

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

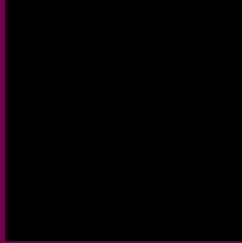
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 700147 Background



This preview shows how black text looks on a background with the Hex color 700147.



This preview shows how white text looks on a background with the Hex color 700147.

# 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**  
700147

**Protanopia**  
293A66

**Deuteranopia**  
3E3A42



**Tritanopia**  
6D1C1D

# Trichromacy



**Original Color**  
700147

**Protanomaly**  
43255B

**Deuteranomaly**  
502544

**Tritanomaly**  
6E122C

# Monochromacy



**Original Color**  
700147

**Achromatopsia**  
2A2A2A

**Achromatomaly**  
431B35

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 700147 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 #700147 looks like.

```
.text, #text, p{  
    color:#700147  
}
```

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 #700147 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #700147
}
```

## Border

The CSS property to change the border of an element to Hex 700147 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
#700147 }
```

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

```
.border{ border-color:#700147 }
```

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

Here you see how a box with a 4 pixel #700147 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #700147; -webkit-box-shadow:4px 4px  
4px 4px #700147; box-shadow:4px 4px 4px  
4px #700147 }
```

# Background

The CSS property to change the background color of an element to Hex 700147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#700147 }
```

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

```
.background{ background-color:#700147 }
```

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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