

# Converting Colors

Hex(740085)

Have a look what the booklet for  
Hex(740085) contains.

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**Color**

**Hex(740085)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	740085
RGB	116, 0, 133
RGB Percent	45%, 0%, 52%
CMY	0.5451, 1.0000, 0.4784
CMYK	0.13, 1.00, 0.00, 0.48
HSL	292°, 100%, 26%
HSV	292°, 100%, 52%
XYZ	11.4361, 5.4065, 22.6311
YIQ	49.8460, 26.4430, 65.9550

# Conversions

## Conversions Part 2

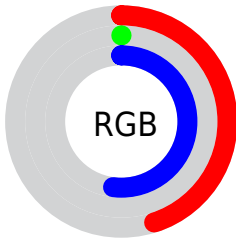
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	116, 0, 133
Decimal	7602309
CIE <sub>Lab</sub>	27.86, 57.78, -42.85
CIE <sub>LCh</sub>	28, 71.930, 323.441
Yxy	5.4065, 0.2897, 0.1370
Android (android.graphics.Color)	4285792389 (0xFF740085)
YUV	49.8460, 40.9949, 58.0171
Hunter-Lab	23.2518, 47.1023, -41.4310

# Details

The Hex color **740085** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **118500**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **AC46BB**, and **3E0052** is the 20% darker color. If you saturate the color by 10%, you get **740085**, and if you desaturate by 10%, it is **760D85**.

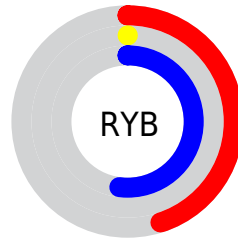
# Distribution



Red (45%)

Green (0%)

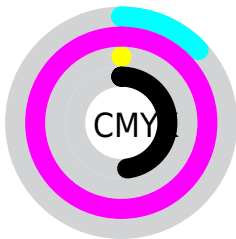
Blue (52%)



Red (45%)

Yellow (0%)

Blue (52%)

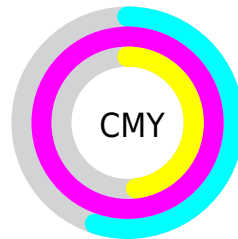


Cyan (13%)

Magenta (100%)

Yellow (0%)

Black (48%)



Cyan (55%)

Magenta (100%)

Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 740085 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 740085 by changing the saturation by 10% instead.



 740085

 740085

FFFFFF

 59006B

 AC46BB

 3E0052

 C861D7

 26003B

 E67CF4

 000024

 FF98FF

 00000B

 FFB4FF

 000000

 FFD1FF

 FFE0FF

 740085

 760D85

 771B85

 792885

 7B3585

 7D4385

 7E5085

 805D85

 826A85

 837885

# Harmonies

## Analogous

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



0039AA



740085



980051

# Triad

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



740085



5C3C00



00566D

# Complementary

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



740085



118500

# 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.



005534



740085



254B00

# Square

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



740085



821900



005200



00559C

# Rectangle

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



740085



9C002D



005200



00565A



# Sweetspot

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



740085



A779AD



001285



533757



D6D6D6



575757



# Same Dimension

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



740085



9700AD



850054



413C42



710082



020003



# Inverse Universe

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



850011



AD0016



008531



423C3D



820011



030000



# Previews

## White Background



This preview shows how the Hex color 740085 looks on a white background.

## Color Contrast Check

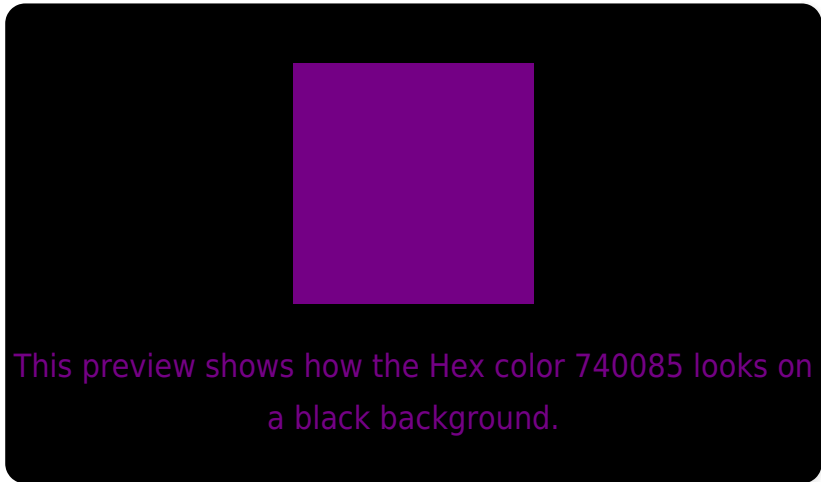
Large Text (above 18pt) WCAG AA ✓ Pass

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

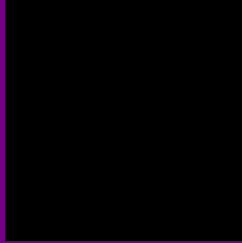
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 740085 Background



This preview shows how black text looks on a background with the Hex color 740085.



This preview shows how white text looks on a background with the Hex color 740085.

# 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**


740085

**Protanopia**

00438D

**Deuteranopia**

00467D



**Tritanopia**  
6A3438

# Trichromacy



**Original Color**

740085



**Protanomaly**

2A2B8A



**Deuteranomaly**

2A2D80



**Tritanomaly**

6E2154

# Monochromacy



**Original Color**

740085



**Achromatopsia**

323232



**Achromatomaly**

4A2050

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 740085 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 #740085 looks like.

```
.text, #text, p{  
    color:#740085  
}
```

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 #740085 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #740085
}
```

## Border

The CSS property to change the border of an element to Hex 740085 is called "border". The border property can be set on classes, ids or directly on the HTML element.

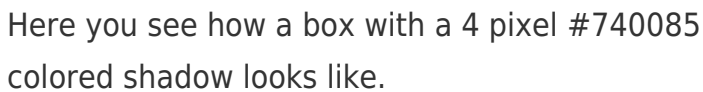
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#740085 }
```

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

```
.border{ border-color:#740085 }
```

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



Here you see how a box with a 4 pixel #740085 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #740085; -webkit-box-shadow:4px 4px  
4px 4px #740085; box-shadow:4px 4px 4px  
4px #740085 }
```

# Background

The CSS property to change the background color of an element to Hex 740085 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#740085 }
```

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

```
.background{ background-color:#740085 }
```

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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