

Converting Colors

Hex(740186)

Have a look what the booklet for
Hex(740186) contains.

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Color

Hex(740186)

Conversions

Conversions Part 1

Format	Color
Hex	740186
RGB	116, 1, 134
RGB Percent	45%, 0%, 53%
CMY	0.5451, 0.9961, 0.4745
CMYK	0.13, 0.99, 0.00, 0.47
HSL	292°, 99%, 26%
HSV	292°, 99%, 53%
XYZ	11.5164, 5.4559, 23.0004
YIQ	50.5470, 25.8470, 65.7430

Conversions

Conversions Part 2

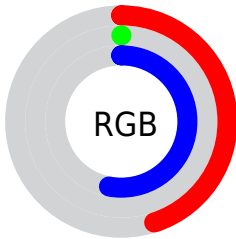
Format	Color
R_{YB}	116, 1, 134
Decimal	7602566
CIE _{Lab}	28.00, 57.78, -43.26
CIE _{LCh}	28, 72.177, 323.179
Yxy	5.4559, 0.2881, 0.1365
Android (android.graphics.Color)	4285792646 (0xFF740186)
YUV	50.5470, 41.1423, 57.4023
Hunter-Lab	23.3580, 47.1311, -42.0318

Details

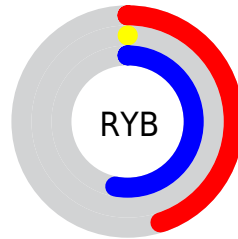
The Hex color **740186** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **138601**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **AC46BC**, and **3E0053** is the 20% darker color. If you saturate the color by 10%, you get **740086**, and if you desaturate by 10%, it is **760E86**.

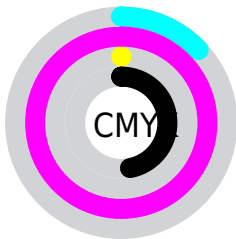
Distribution



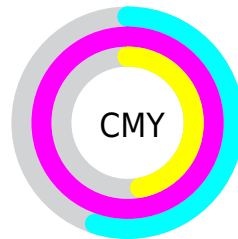
- Red (45%)
- Green (0%)
- Blue (53%)



- Red (45%)
- Yellow (0%)
- Blue (53%)



- Cyan (13%)
- Magenta (99%)
- Yellow (0%)
- Black (47%)



- Cyan (55%)
- Magenta (100%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 740186 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 740186 by changing the saturation by 10% instead.

 740186

 740186

FFFFFF

 59006C

 AC46BC

 3E0053

 C862D8

 26003C

 E67DF5

 000025

 FF98FF

 00010D

 FFB5FF

 000000

 FFD1FF

 FFEEFF

 740186

 740186

■ 740086

■ 760E86

■ 781C86

■ 792986

■ 7B3786

■ 7D4486

■ 7F5186

■ 815F86

■ 836C86

■ 847A86

Harmonies

Analogous

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



003AAB



740186



980051

Triad

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



740186



5C3C00



00576D

Complementary

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



740186



138601

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.



005633



740186



264C00

Square

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



740186



831800



005300



00569C

Rectangle

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



740186



9C002D



005300



00575A

Sweetspot

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



740186



A679AD



011586



523757



D6D6D6



575757

Same Dimension

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



740186



9600AD



860157



413C42



700082



020003

Inverse Universe

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



860113



AD0017



018630



423C3D



820012



030000

Previews

White Background



This preview shows how the Hex color 740186 looks on a white background.

Color Contrast Check

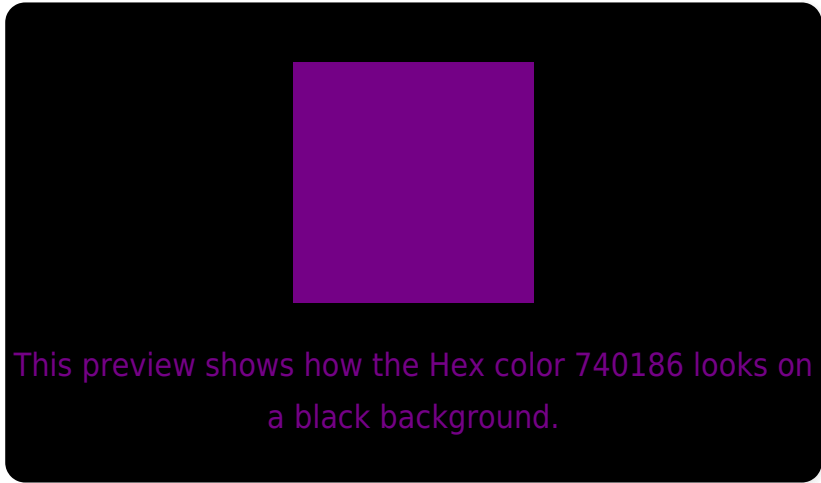
Large Text (above 18pt) WCAG AA ✓ Pass

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

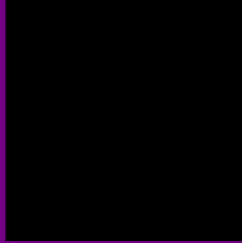
Any Text WCAG AA × Fail

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 740186 Background



This preview shows how black text looks on a background with the Hex color 740186.



This preview shows how white text looks on a background with the Hex color 740186.

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
740186

Protanopia
00438D

Deuteranopia
00467D



Tritanopia
6A3538

Trichromacy



Original Color

740186



Protanomaly

2A2B8A



Deuteranomaly

2A2D80



Tritanomaly

6E2254

Monochromacy



Original Color

740186



Achromatopsia

333333



Achromatomaly

4B2151

CSS Examples

Text

The CSS property to change the color of the text to Hex 740186 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 #740186 looks like.

```
.text, #text, p{  
    color:#740186  
}
```

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 #740186 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #740186
}
```

Border

The CSS property to change the border of an element to Hex 740186 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
#740186 }
```

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

```
.border{ border-color:#740186 }
```

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

Here you see how a box with a 4 pixel #740186 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #740186; -webkit-box-shadow:4px 4px  
4px 4px #740186; box-shadow:4px 4px 4px  
4px #740186 }
```

Background

The CSS property to change the background color of an element to Hex 740186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#740186 }
```

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

```
.background{ background-color:#740186 }
```

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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