

Converting Colors

Hex(730347)

Have a look what the booklet for
Hex(730347) contains.

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Color

Hex(730347)

Conversions

Conversions Part 1

Format	Color
Hex	730347
RGB	115, 3, 71
RGB Percent	45%, 1%, 28%
CMY	0.5490, 0.9882, 0.7216
CMYK	0.00, 0.97, 0.38, 0.55
HSL	324°, 95%, 23%
HSV	324°, 97%, 45%
XYZ	8.2401, 4.1649, 6.3308
YIQ	44.2400, 44.9240, 44.8920

Conversions

Conversions Part 2

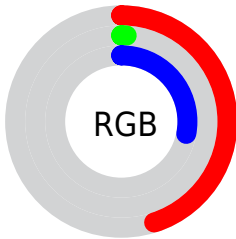
Format	Color
RYB	115, 3, 71
Decimal	7537479
CIELab	24.21, 47.98, -8.16
CIElCh	24, 48.666, 350.353
Yxy	4.1649, 0.4398, 0.2223
Android (android.graphics.Color)	4285727559 (0xFF730347)
YUV	44.2400, 13.1927, 62.0565
Hunter-Lab	20.4081, 36.3584, -4.1068

Details

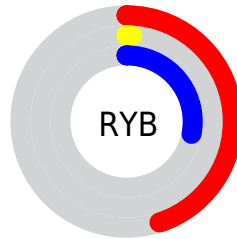
The Hex color **730347** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **03732F**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **AB4377**, and **3E001C** is the 20% darker color. If you saturate the color by 10%, you get **730046**, and if you desaturate by 10%, it is **730F4C**.

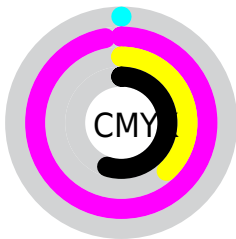
Distribution



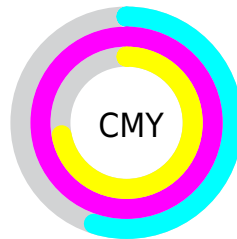
- Red (45%)
- Green (1%)
- Blue (28%)



- Red (45%)
- Yellow (1%)
- Blue (28%)



- Cyan (0%)
- Magenta (97%)
- Yellow (38%)
- Black (55%)



- Cyan (55%)
- Magenta (99%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 730347 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 730347 by changing the saturation by 10% instead.

 730347

 730347

FFFFFF

 580031

 AB4377

 3E001C

 C85D91

 250001

 E578AC

 000000

 FF93C7

 FFAFE3

 FFCBFF

 FFE8FF

 730347

 730347

730046

730F4C

731A50

732655

733159

733D5E

734862

735467

735F6B

736B70

Harmonies

Analogous

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



582169



730347



770523

Triad

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



730347



313F00



004772

Complementary

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



730347



03732F

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.



004952



730347



004502

Square

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



730347



513400



00482C



004283

Rectangle

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



730347



70190A



00482C



004869

Sweetspot

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



730347



966B85



2E0373



4D3242



CCCCCC



4D4D4D

Same Dimension

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



730347



96005B



730310



3B3538



7A004A



FA0098

Inverse Universe

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



730347



96005B



037366



3B3538



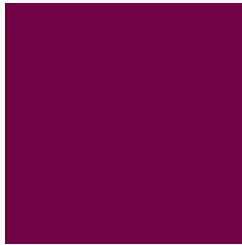
7A004A



FA0098

Previews

White Background



This preview shows how the Hex color 730347 looks on a white background.

Color Contrast Check

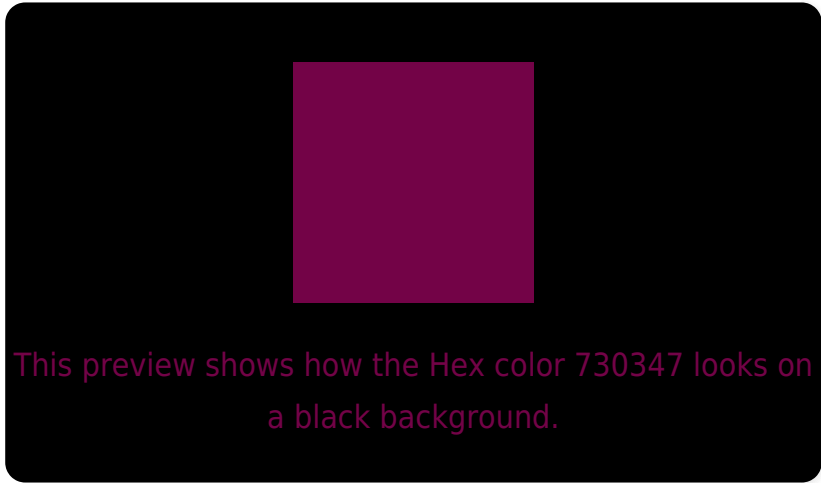
Large Text (above 18pt) WCAG AA ✓ Pass

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

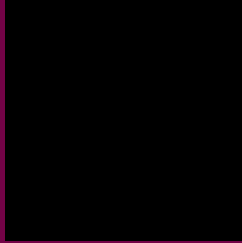
Any Text WCAG AA × Fail

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 730347 Background



This preview shows how black text looks on a background with the Hex color 730347.



This preview shows how white text looks on a background with the Hex color 730347.

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
730347

Protanopia
2C3C66

Deuteranopia
403B42

Trichromacy



Original Color
730347

Protanomaly
46275B

Deuteranomaly
532744

Tritanomaly
71132C

Monochromacy



Original Color
730347

Achromatopsia
2C2C2C

Achromatomaly
461D36

CSS Examples

Text

The CSS property to change the color of the text to Hex 730347 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 #730347 looks like.

```
.text, #text, p{  
    color:#730347  
}
```

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 #730347 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #730347
}
```

Border

The CSS property to change the border of an element to Hex 730347 is called "border". The border property can be set on classes, ids or directly on the HTML element.

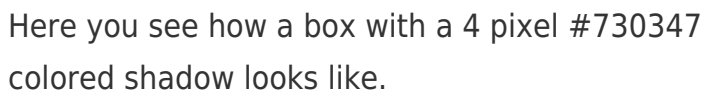
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#730347 }
```

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

```
.border{ border-color:#730347 }
```

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



Here you see how a box with a 4 pixel #730347 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #730347; -webkit-box-shadow:4px 4px  
4px 4px #730347; box-shadow:4px 4px 4px  
4px #730347 }
```

Background

The CSS property to change the background color of an element to Hex 730347 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#730347 }
```

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

```
.background{ background-color:#730347 }
```

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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