

Converting Colors

Hex(730078)

Have a look what the booklet for
Hex(730078) contains.

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Color

Hex(730078)

Conversions

Conversions Part 1

Format	Color
Hex	730078
RGB	115, 0, 120
RGB Percent	45%, 0%, 47%
CMY	0.5490, 1.0000, 0.5294
CMYK	0.04, 1.00, 0.00, 0.53
HSL	298°, 100%, 24%
HSV	298°, 100%, 47%
XYZ	10.4604, 5.0009, 18.1832
YIQ	48.0650, 30.0200, 61.7000

Conversions

Conversions Part 2

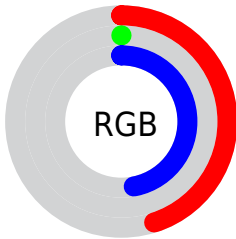
Format	Color
R_{YB}	115, 0, 120
Decimal	7536760
CIE _{Lab}	26.74, 55.40, -36.45
CIE _{LCh}	27, 66.315, 326.655
Yxy	5.0009, 0.3109, 0.1486
Android (android.graphics.Color)	4285726840 (0xFF730078)
YUV	48.0650, 35.4640, 58.7020
Hunter-Lab	22.3627, 44.3606, -32.5552

Details

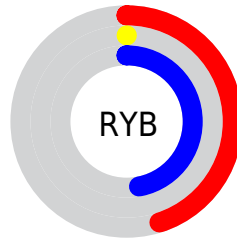
The Hex color **730078** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **057800**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **AA45AD**, and **3E0047** is the 20% darker color. If you saturate the color by 10%, you get **730078**, and if you desaturate by 10%, it is **730C78**.

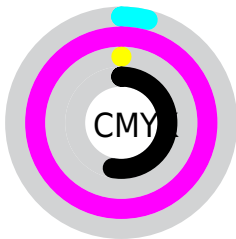
Distribution



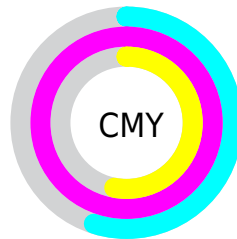
- Red (45%)
- Green (0%)
- Blue (47%)



- Red (45%)
- Yellow (0%)
- Blue (47%)



- Cyan (4%)
- Magenta (100%)
- Yellow (0%)
- Black (53%)



- Cyan (55%)
- Magenta (100%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 730078 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 730078 by changing the saturation by 10% instead.

 730078

 730078

FFFFFF

 58005F

 AA45AD

 3E0047

 C760C9

 260030

 E47BE5

 00011A

 FF96FF

 000000

 FFB2FF

 FFCFFF

 FFECFF

 730078

 730C78

 741878

 742478

 753078

 753C78

 764878

 765478

 776078

 776C78

Harmonies

Analogous

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



10349C



730078



900047

Triad

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



730078



533C00



00536C

Complementary

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



730078



057800

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.



005238



730078



1F4900

Square

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



730078



782000



004F00



005195

Rectangle

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



730078



920026



004F00



00525B

Sweetspot

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



730078



9A6D9C



000678



4E334F



CFCFCF



4F4F4F

Same Dimension

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



730078



95009C



780042



3D373D



78007D



F200FC

Inverse Universe

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



780005



9C0006



007836



3D3737



7D0005



FC000B

Previews

White Background



This preview shows how the Hex color 730078 looks on a white background.

Color Contrast Check

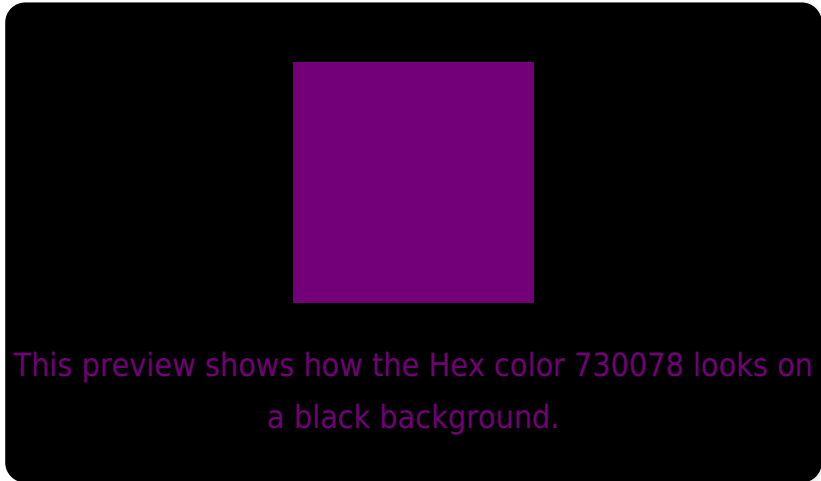
Large Text (above 18pt) WCAG AA ✓ Pass

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

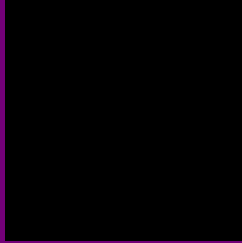
Any Text WCAG AA × Fail

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 730078 Background



This preview shows how black text looks on a background with the Hex color 730078.



This preview shows how white text looks on a background with the Hex color 730078.

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
730078

Protanopia
004088

Deuteranopia
224371



Tritanopia
6B2F32

Trichromacy



Original Color

730078



Protanomaly

2A2982



Deuteranomaly

3F2B74



Tritanomaly

6E1E4B

Monochromacy



Original Color

730078



Achromatopsia

303030



Achromatomaly

481F4A

CSS Examples

Text

The CSS property to change the color of the text to Hex 730078 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 #730078 looks like.

```
.text, #text, p{  
    color:#730078  
}
```

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 #730078 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #730078
}
```

Border

The CSS property to change the border of an element to Hex 730078 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
#730078 }
```

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

```
.border{ border-color:#730078 }
```

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

Here you see how a box with a 4 pixel #730078 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #730078; -webkit-box-shadow:4px 4px  
4px 4px #730078; box-shadow:4px 4px 4px  
4px #730078 }
```

Background

The CSS property to change the background color of an element to Hex 730078 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#730078 }
```

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

```
.background{ background-color:#730078 }
```

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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