

# Converting Colors

Hex(730062)

Have a look what the booklet for  
Hex(730062) contains.

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# Color

**Hex(730062)**

# Conversions

## Conversions Part 1

Format	Color
Hex	730062
RGB	115, 0, 98
RGB Percent	45%, 0%, 38%
CMY	0.5490, 1.0000, 0.6157
CMYK	0.00, 1.00, 0.15, 0.55
HSL	309°, 100%, 23%
HSV	309°, 100%, 45%
XYZ	9.2748, 4.5267, 11.9402
YIQ	45.5570, 37.0820, 54.8580

# Conversions

## Conversions Part 2

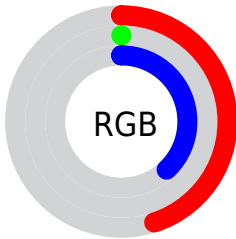
<b>Format</b>	<b>Color</b>
<b>RYB</b>	115, 0, 98
Decimal	7536738
CIELab	25.34, 52.00, -24.45
CIElCh	25, 57.460, 334.815
Yxy	4.5267, 0.3603, 0.1759
Android (android.graphics.Color)	4285726818 (0xFF730062)
YUV	45.5570, 25.8544, 60.9015
Hunter-Lab	21.2760, 40.5804, -18.3806

# Details

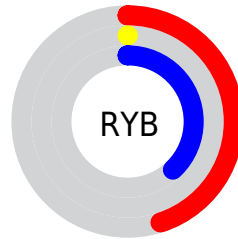
The Hex color **730062** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **007311**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **AA4395**, and **3E0033** is the 20% darker color. If you saturate the color by 10%, you get **730062**, and if you desaturate by 10%, it is **730B64**.

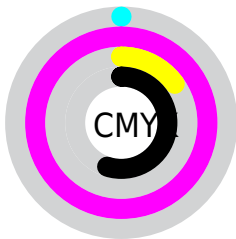
# Distribution



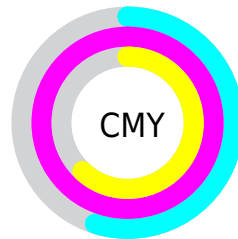
- Red (45%)
- Green (0%)
- Blue (38%)



- Red (45%)
- Yellow (0%)
- Blue (38%)



- Cyan (0%)
- Magenta (100%)
- Yellow (15%)
- Black (55%)



- Cyan (55%)
- Magenta (100%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 730062 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 730062 by changing the saturation by 10% instead.



 730062

 730062

FFFFFF

 58004A

 AA4395

 3E0033

 C75EB0

 26001E

 E479CB

 000000

 FF94E8

 FFBOFF

 FFCDFD

 FFE9FF

 730062

■ 730B64

■ 731765

■ 732367

■ 732E69

■ 733A6B

■ 73456C

■ 73516E

■ 735C70

■ 736871

# Harmonies

## Analogous

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



3F2C85



730062



840037

# Triad

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



730062



453D00



004D6D

# Complementary

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



730062



007311

# 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.



004D42



730062



124700

# Square

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



730062



672A00



004B13



004A8C

# Rectangle

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



730062



82001B



004B13



004D60



# Sweetspot

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



730062



966990



0F0073



4D3148



CCCCCC



4D4D4D



# Same Dimension

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



730062



960080



73002A



3B353A



7A0068



FA00D5



# Inverse Universe

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



730062



960080



007349



3B353A



7A0068



FA00D5



# Previews

## White Background



This preview shows how the Hex color 730062 looks on a white background.

## Color Contrast Check

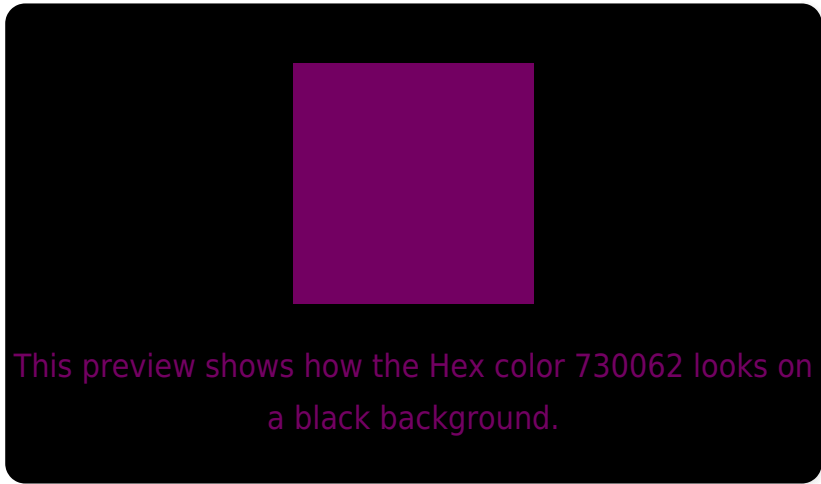
Large Text (above 18pt) WCAG AA ✓ Pass

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

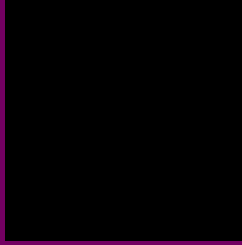
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 730062 Background



This preview shows how black text looks on a background with the Hex color 730062.



This preview shows how white text looks on a background with the Hex color 730062.

# 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





**Tritanopia**  
6E2729

# Trichromacy



**Original Color**  
730062

**Protanomaly**  
2A2777

**Deuteranomaly**  
4B285E

**Tritanomaly**  
70193E

# Monochromacy



**Original Color**  
730062

**Achromatopsia**  
2E2E2E

**Achromatomaly**  
471D41

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 730062 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 #730062 looks like.

```
.text, #text, p{  
  color:#730062  
}
```

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 #730062 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #730062
}
```

## Border

The CSS property to change the border of an element to Hex 730062 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
#730062 }
```

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

```
.border{ border-color:#730062 }
```

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

Here you see how a box with a 4 pixel #730062 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #730062; -webkit-box-shadow:4px 4px  
4px 4px #730062; box-shadow:4px 4px 4px  
4px #730062 }
```

# Background

The CSS property to change the background color of an element to Hex 730062 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#730062 }
```

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

```
.background{ background-color:#730062 }
```

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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