

# Converting Colors

Hex(730623)

Have a look what the booklet for  
Hex(730623) contains.

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**Color**

**Hex(730623)**

# Conversions

## Conversions Part 1

Format	Color
Hex	730623
RGB	115, 6, 35
RGB Percent	45%, 2%, 14%
CMY	0.5490, 0.9765, 0.8627
CMYK	0.00, 0.95, 0.70, 0.55
HSL	344°, 90%, 24%
HSV	344°, 95%, 45%
XYZ	7.4387, 3.8964, 1.9501
YIQ	41.8970, 55.6550, 32.1270

# Conversions

## Conversions Part 2

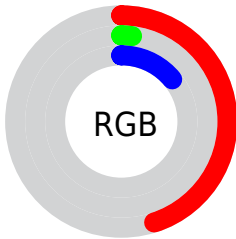
<b>Format</b>	<b>Color</b>
<b>RYB</b>	115, 6, 35
Decimal	7538211
CIELab	23.33, 44.36, 15.48
CIElCh	23, 46.986, 19.231
Yxy	3.8964, 0.5599, 0.2933
Android (android.graphics.Color)	4285728291 (0xFF730623)
YUV	41.8970, -3.4002, 64.1113
Hunter-Lab	19.7394, 32.7232, 7.9601

# Details

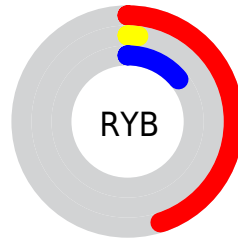
The Hex color **730623** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **067356**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **AD434F**, and **3C0000** is the 20% darker color. If you saturate the color by 10%, you get **73001F**, and if you desaturate by 10%, it is **73112B**.

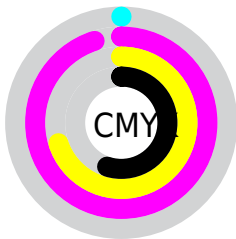
# Distribution



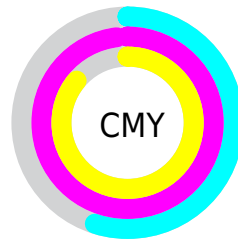
- Red (45%)
- Green (2%)
- Blue (14%)



- Red (45%)
- Yellow (2%)
- Blue (14%)



- Cyan (0%)
- Magenta (95%)
- Yellow (70%)
- Black (55%)



- Cyan (55%)
- Magenta (98%)
- Yellow (86%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 730623 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 730623 by changing the saturation by 10% instead.



 730623

 730623

FFFFFF

 57000E

 AD434F

 3C0000

 CA5D67

 1D0001

 E87780

 000000

 FF929A

 FFAEB5

 FFCAD0

 FFE7EC

 730623

 730623

■ 73001F

■ 73112B

■ 731D34

■ 73283C

■ 733445

■ 733F4D

■ 734B56

■ 73565E

■ 736267

■ 736D6F

# Harmonies

## Analogous

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



6E0646



730623



672000

# Triad

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



730623



004300



00407D

# Complementary

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



730623



067356

# 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.



00456D



730623



004629

# Square

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



730623



313D00



00464E



01347B

# Rectangle

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



730623



592C00



00464E



00427A



# Sweetspot

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



730623



966C78



560673



4D3239



CCCCCC



4D4D4D



# Same Dimension

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



730623



960028



731F06



3B3536



7A0021



FA0042



# Inverse Universe

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



730623



960028



065A73



3B3536



7A0021

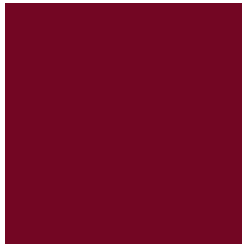


FA0042



# Previews

## White Background



This preview shows how the Hex color 730623 looks on a white background.

## Color Contrast Check

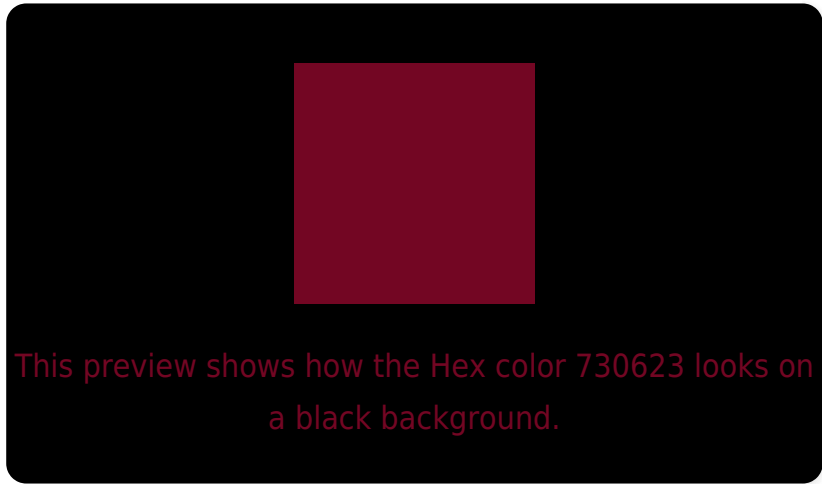
Large Text (above 18pt) WCAG AA ✓ Pass

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 730623 Background



This preview shows how black text looks on a background with the Hex color 730623.

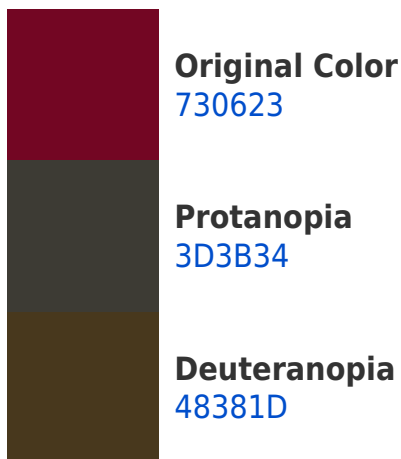


This preview shows how white text looks on a background with the Hex color 730623.

# 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





# Trichromacy



**Original Color**  
730623

**Protanomaly**  
51282E

**Deuteranomaly**  
58261F

**Tritanomaly**  
720C15

# Monochromacy



**Original Color**  
730623

**Achromatopsia**  
2A2A2A

**Achromatomaly**  
451D27

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 730623 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 #730623 looks like.

```
.text, #text, p{  
    color:#730623  
}
```

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 #730623 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #730623
}
```

## Border

The CSS property to change the border of an element to Hex 730623 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
#730623 }
```

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

```
.border{ border-color:#730623 }
```

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

Here you see how a box with a 4 pixel #730623 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #730623; -webkit-box-shadow:4px 4px  
4px 4px #730623; box-shadow:4px 4px 4px  
4px #730623 }
```

# Background

The CSS property to change the background color of an element to Hex 730623 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#730623 }
```

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

```
.background{ background-color:#730623 }
```

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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