

# Converting Colors

Hex(730026)

Have a look what the booklet for  
Hex(730026) contains.

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**Color**

**Hex(730026)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	730026
RGB	115, 0, 38
RGB Percent	45%, 0%, 15%
CMY	0.5490, 1.0000, 0.8510
CMYK	0.00, 1.00, 0.67, 0.55
HSL	340°, 100%, 23%
HSV	340°, 100%, 45%
XYZ	7.4201, 3.7848, 2.1732
YIQ	38.7170, 56.3420, 36.1980

# Conversions

## Conversions Part 2

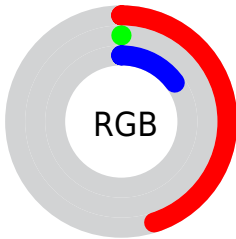
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	115, 0, 38
Decimal	7536678
CIE Lab	22.95, 45.82, 12.90
CIE LCh	23, 47.601, 15.722
Yxy	3.7848, 0.5546, 0.2829
Android (android.graphics.Color)	4285726758 (0xFF730026)
YUV	38.7170, -0.3535, 66.9002
Hunter-Lab	19.4545, 34.0357, 6.9951

# Details

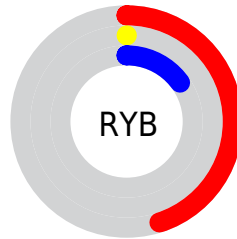
The Hex color **730026** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **00734D**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **AD4052**, and **3D0001** is the 20% darker color. If you saturate the color by 10%, you get **730026**, and if you desaturate by 10%, it is **730B2E**.

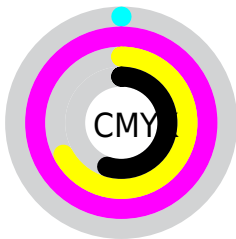
# Distribution



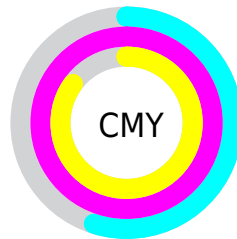
- Red (45%)
- Green (0%)
- Blue (15%)



- Red (45%)
- Yellow (0%)
- Blue (15%)



- Cyan (0%)
- Magenta (100%)
- Yellow (67%)
- Black (55%)



- Cyan (55%)
- Magenta (100%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 730026 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 730026 by changing the saturation by 10% instead.



 730026

 730026

FFFFFF

 570012

 AD4052

 3D0001

 CA5A6A

 1D0001

 E87584

 000000

 FF909E

 FFACB8

 FFC8D4

 FFE4F0

 730026

 730B2E

 731735

 73233D

 732E45

 733A4D

 734554

 73515C

 735C64

 73686B

# Harmonies

## Analogous

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



6C0549



730026



691B00

# Triad

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



730026



004100



00407C

# Complementary

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



730026



00734D

# 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.



004569



730026



004524

# Square

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



730026



333B00



004649



00357C

# Rectangle

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



730026



5B2900



004649



004278



# Sweetspot

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



730026



966978



4D0073



4D313A



CCCCCC



4D4D4D



# Same Dimension

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



730026



960032



731300



3B3537



7A0028



FA0053



# Inverse Universe

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



730026



960032



006073



3B3537



7A0028

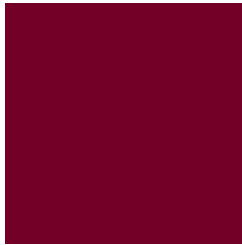


FA0053



# Previews

## White Background



This preview shows how the Hex color 730026 looks on a white background.

## Color Contrast Check

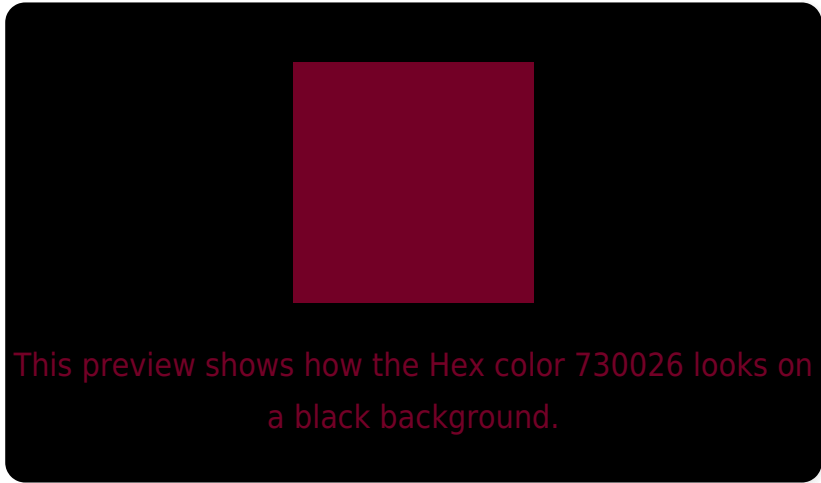
Large Text (above 18pt) WCAG AA ✓ Pass

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 730026 Background



This preview shows how black text looks on a background with the Hex color 730026.



This preview shows how white text looks on a background with the Hex color 730026.

# 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



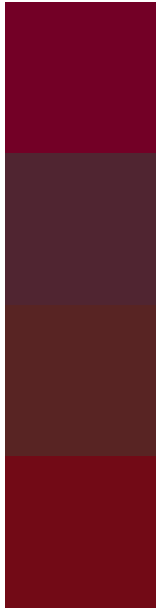
**Original Color**  
730026

**Protanopia**  
3C3A38

**Deuteranopia**  
483821



# Trichromacy



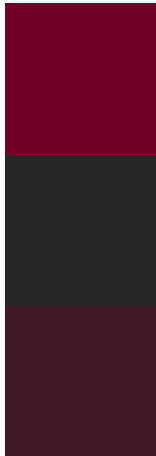
**Original Color**  
730026

**Protanomaly**  
502531

**Deuteranomaly**  
582423

**Tritanomaly**  
720A16

# Monochromacy



**Original Color**  
730026

**Achromatopsia**  
272727

**Achromatomaly**  
431927

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 730026 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 #730026 looks like.

```
.text, #text, p{  
    color:#730026  
}
```

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 #730026 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #730026
}
```

## Border

The CSS property to change the border of an element to Hex 730026 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
#730026 }
```

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

```
.border{ border-color:#730026 }
```

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

Here you see how a box with a 4 pixel #730026 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #730026; -webkit-box-shadow:4px 4px  
4px 4px #730026; box-shadow:4px 4px 4px  
4px #730026 }
```

# Background

The CSS property to change the background color of an element to Hex 730026 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#730026 }
```

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

```
.background{ background-color:#730026 }
```

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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