

# Converting Colors

Hex(630002)

Have a look what the booklet for  
Hex(630002) contains.

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**Color**

**Hex(630002)**

# Conversions

## Conversions Part 1

Format	Color
Hex	630002
RGB	99, 0, 2
RGB Percent	39%, 0%, 1%
CMY	0.6118, 1.0000, 0.9922
CMYK	0.00, 1.00, 0.98, 0.61
HSL	359°, 100%, 19%
HSV	359°, 100%, 39%
XYZ	5.1565, 2.6570, 0.2985
YIQ	29.8290, 58.3620, 21.6100

# Conversions

## Conversions Part 2

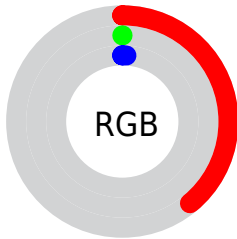
Format	Color
<a href="#">RYB</a>	<a href="#">99, 0, 2</a>
Decimal	<a href="#">6488066</a>
CIELab	<a href="#">18.61, 40.08, 27.82</a>
CIELCh	<a href="#">19, 48.793, 34.767</a>
Yxy	<a href="#">2.6570, 0.6357, 0.3275</a>
Android (android.graphics.Color)	<a href="#">4284678146</a> ( <a href="#">0xFF630002</a> )
YUV	<a href="#">29.8290, -13.7197, 60.6630</a>
Hunter-Lab	<a href="#">16.3004, 27.9418, 10.3245</a>

# Details

The Hex color **630002** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **006361**, and the grayscale version is **1E1E1E**.

A 20% lighter version of the original color is **9D3B30**, and **2E0002** is the 20% darker color. If you saturate the color by 10%, you get **630002**, and if you desaturate by 10%, it is **630A0C**.

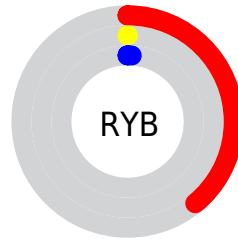
# Distribution



Red (39%)

Green (0%)

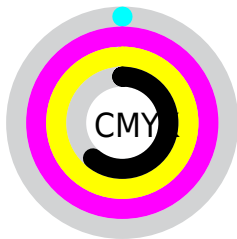
Blue (1%)



Red (39%)

Yellow (0%)

Blue (1%)

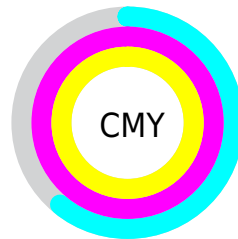


Cyan (0%)

Magenta (100%)

Yellow (98%)

Black (61%)



Cyan (61%)

Magenta (100%)

Yellow (99%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 630002 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 630002 by changing the saturation by 10% instead.



 630002

 630002

 FFF9E3

 470000

 9D3B30

 2E0002

 BA5447

 000000

 D86E5F

 F78977

 FFA491

 FFBFAC

 FFDCC7

 630002

 630A0C

 631415

 631E1F

 632829

 633232

 633B3C

 634546

 634F50

 635959

# Harmonies

## Analogous

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



680029



630002



501F00

# Triad

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



630002



003A0B



003175

# Complementary

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



630002



006361

# 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.



00396E



630002



003B32

# Square

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



630002



0B3600



003B55



2F2068

# Rectangle

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



630002



3E2A00



003B55



003475



# Sweetspot

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



630002



80595A



600063



402929



BFBFBF



404040



# Same Dimension

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



630002



800003



632E00



302C2C



700002



F00005



# Inverse Universe

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



630002



800003



003563



302C2C



700002

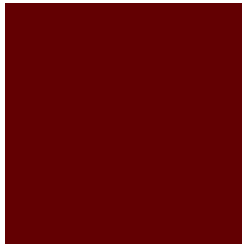


F00005



# Previews

## White Background



This preview shows how the Hex color 630002 looks on a white background.

## Color Contrast Check

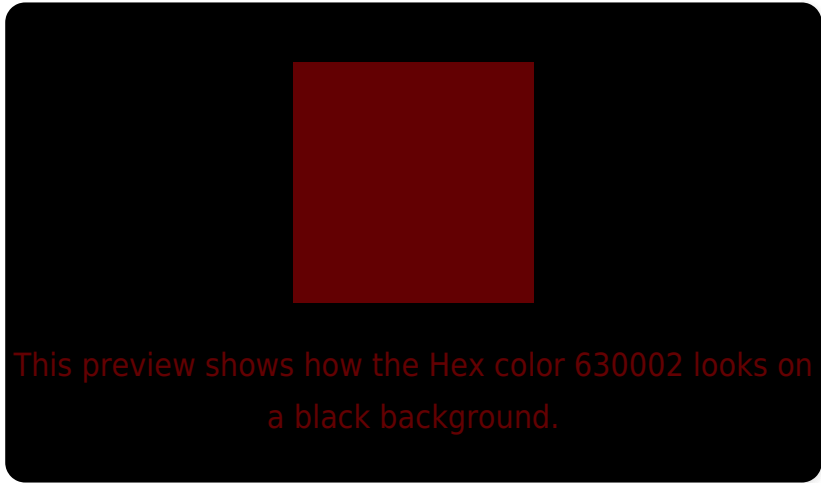
Large Text (above 18pt) WCAG AA ✓ Pass

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

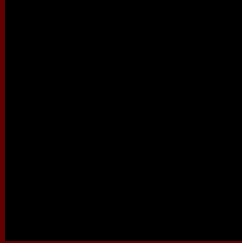
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 630002 Background



This preview shows how black text looks on a background with the Hex color 630002.



This preview shows how white text looks on a background with the Hex color 630002.

# 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**  
630002

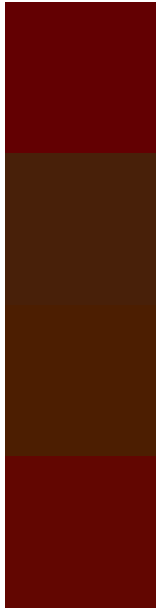
**Protanopia**  
38320D

**Deuteranopia**  
3F2F00



**Tritanopia**  
620900

# Trichromacy



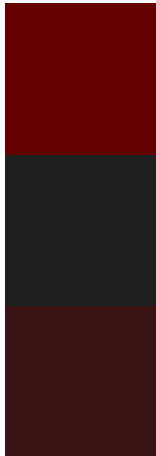
**Original Color**  
630002

**Protanomaly**  
482009

**Deuteranomaly**  
4C1E01

**Tritanomaly**  
620601

# Monochromacy



**Original Color**  
630002

**Achromatopsia**  
1E1E1E

**Achromatomaly**  
371314

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 630002 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 #630002 looks like.

```
.text, #text, p{  
    color:#630002  
}
```

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 #630002 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #630002
}
```

## Border

The CSS property to change the border of an element to Hex 630002 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
#630002 }
```

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

```
.border{ border-color:#630002 }
```

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

Here you see how a box with a 4 pixel #630002 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #630002; -webkit-box-shadow:4px 4px  
4px 4px #630002; box-shadow:4px 4px 4px  
4px #630002 }
```

# Background

The CSS property to change the background color of an element to Hex 630002 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#630002 }
```

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

```
.background{ background-color:#630002 }
```

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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