

# Converting Colors

Hex(63002C)

Have a look what the booklet for  
Hex(63002C) contains.

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**Color**

**Hex(63002C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	63002C
RGB	99, 0, 44
RGB Percent	39%, 0%, 17%
CMY	0.6118, 1.0000, 0.8275
CMYK	0.00, 1.00, 0.56, 0.61
HSL	333°, 100%, 19%
HSV	333°, 100%, 39%
XYZ	5.6002, 2.8345, 2.6348
YIQ	34.6170, 44.8800, 34.6720

# Conversions

## Conversions Part 2

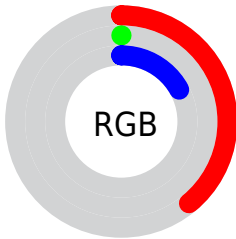
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	99, 0, 44
Decimal	6488108
CIE Lab	19.37, 42.11, 3.13
CIE LCh	19, 42.228, 4.253
Yxy	2.8345, 0.5059, 0.2561
Android (android.graphics.Color)	4284678188 (0xFF63002C)
YUV	34.6170, 4.6258, 56.4639
Hunter-Lab	16.8360, 29.9122, 2.5063

# Details

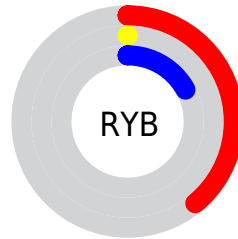
The Hex color **63002C** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **006337**, and the grayscale version is **232323**.

A 20% lighter version of the original color is **9A3C59**, and **320002** is the 20% darker color. If you saturate the color by 10%, you get **63002C**, and if you desaturate by 10%, it is **630A32**.

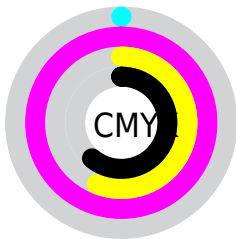
# Distribution



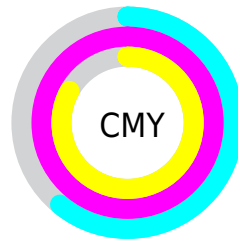
- Red (39%)
- Green (0%)
- Blue (17%)



- Red (39%)
- Yellow (0%)
- Blue (17%)



- Cyan (0%)
- Magenta (100%)
- Yellow (56%)
- Black (61%)



- Cyan (61%)
- Magenta (100%)
- Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 63002C 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 63002C by changing the saturation by 10% instead.



 63002C

 63002C

 FFFBFF

 480018

 9A3C59

 320002

 B75672

 000000

 D4708B

 F18BA5

 FFA6C0

 FFC2DC

 FFDEF9

 63002C

 630A32

 631437

 631E3D

 632842

 633248

 633B4D

 634553

 634F58

 63595E

# Harmonies

## Analogous

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



56104A



63002C



5F100D

# Triad

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



63002C



183600



003967

# Complementary

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



63002C



006337

# 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.



003C51



63002C



003A12

# Square

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



63002C



372F00



003C33



00326D

# Rectangle

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



63002C



561D00



003C33



003A61



# Sweetspot

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



63002C



80596A



360063



402933



BFBFBF



404040



# Same Dimension

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



63002C



800039



630500



302C2E



700032



F0006B



# Inverse Universe

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



63002C



800039



005E63



302C2E



700032

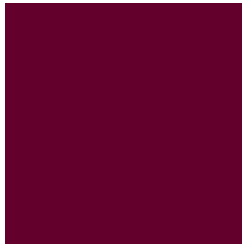


F0006B



# Previews

## White Background



This preview shows how the Hex color 63002C looks on a white background.

## Color Contrast Check

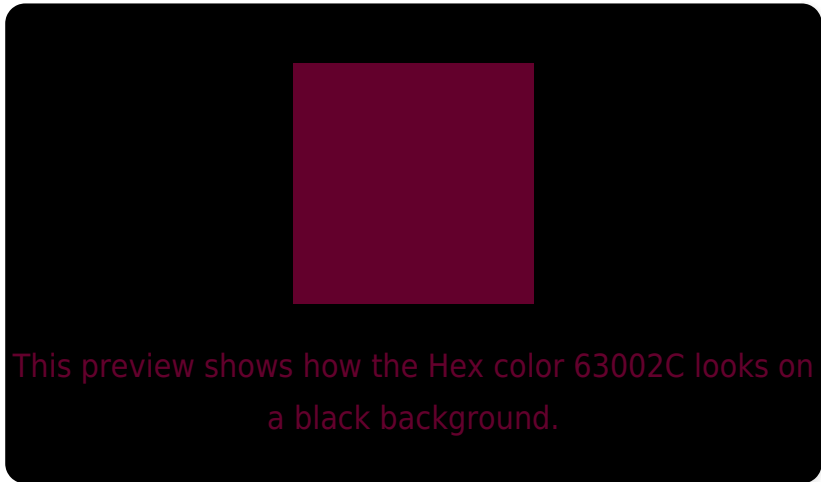
Large Text (above 18pt) WCAG AA ✓ Pass

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 63002C Background



This preview shows how black text looks on a background with the Hex color 63002C.



This preview shows how white text looks on a background with the Hex color 63002C.

# 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**  
63002C

**Protanopia**  
303340

**Deuteranopia**  
3C3128



**Tritanopia**  
621211

# Trichromacy



**Original Color**  
63002C

**Protanomaly**  
432039

**Deuteranomaly**  
4A1F29

**Tritanomaly**  
620B1B

# Monochromacy



**Original Color**  
63002C

**Achromatopsia**  
232323

**Achromatomaly**  
3A1626

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 63002C 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 #63002C looks like.

```
.text, #text, p{  
    color:#63002C  
}
```

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 #63002C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63002C
}
```

## Border

The CSS property to change the border of an element to Hex 63002C is called "border". The border property can be set on classes, ids or directly on the HTML element.

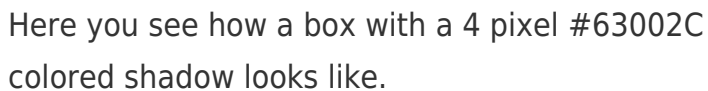
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#63002C }
```

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

```
.border{ border-color:#63002C }
```

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



Here you see how a box with a 4 pixel #63002C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63002C; -webkit-box-shadow:4px 4px  
4px 4px #63002C; box-shadow:4px 4px 4px  
4px #63002C }
```

# Background

The CSS property to change the background color of an element to Hex 63002C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63002C }
```

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

```
.background{ background-color:#63002C }
```

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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