

# Converting Colors

Hex(630800)

Have a look what the booklet for  
Hex(630800) contains.

<b>Hex(630800)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(630800)**

# Conversions

## Conversions Part 1

Format	Color
Hex	630800
RGB	99, 8, 0
RGB Percent	39%, 3%, 0%
CMY	0.6118, 0.9686, 1.0000
CMYK	0.00, 0.92, 1.00, 0.61
HSL	5°, 100%, 19%
HSV	5°, 100%, 39%
XYZ	5.2324, 2.8263, 0.2698
YIQ	34.2970, 56.8040, 16.8040

# Conversions

## Conversions Part 2

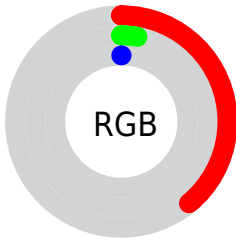
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	99, 9, 0
Decimal	6490112
CIE Lab	19.33, 37.90, 29.48
CIE LCh	19, 48.016, 37.872
Yxy	2.8263, 0.6283, 0.3394
Android (android.graphics.Color)	4284680192 (0xFF630800)
YUV	34.2970, -16.9084, 56.7445
Hunter-Lab	16.8116, 26.1356, 10.8168

# Details

The Hex color **630800** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **005B63**, and the grayscale version is **222222**.

A 20% lighter version of the original color is **9C3F2F**, and **2E0002** is the 20% darker color. If you saturate the color by 10%, you get **630800**, and if you desaturate by 10%, it is **63110A**.

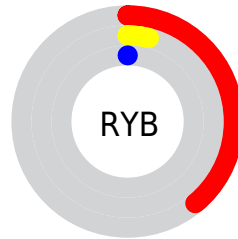
# Distribution



Red (39%)

Green (3%)

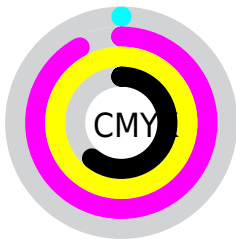
Blue (0%)



Red (39%)

Yellow (4%)

Blue (0%)

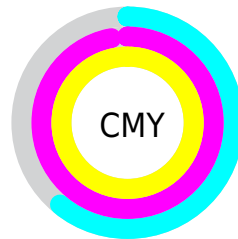


Cyan (0%)

Magenta (92%)

Yellow (100%)

Black (61%)



Cyan (61%)

Magenta (97%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 630800 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 630800 by changing the saturation by 10% instead.



 630800

 630800

 FFFDE2

 470000

 9C3F2F

 2E0002

 BA5845

 000000

 D8725D

 F68C76

 FFA890

 FFC3AA

 FFE0C6

 630800

 63110A

 631A14

 63231E

 632C28

 633632

 633F3B

 634845

 63514F

 635A59

# Harmonies

## Analogous

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



690027



630800



4F2300

# Triad

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



630800



003B12



003176

# Complementary

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



630800



005B63

# 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.



003A71



630800



003D38

# Square

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



630800



073800



003D5A



382067

# Rectangle

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



630800



3D2D00



003D5A



003576



# Sweetspot

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



630800



805C59



63005C



402B29



BFBFBF



404040



# Same Dimension

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



630800



800A00



633800



302C2C



700900



F01300



# Inverse Universe

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



005B63



007580



002B63



2C3030



006770

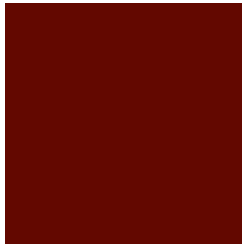


00DCF0



# Previews

## White Background



This preview shows how the Hex color 630800 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

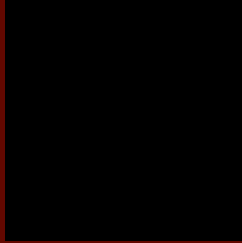
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 630800 Background



This preview shows how black text looks on a background with the Hex color 630800.



This preview shows how white text looks on a background with the Hex color 630800.

# 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**  
630800

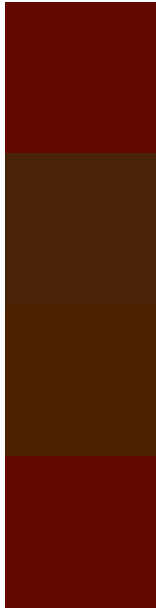
**Protanopia**  
38320D

**Deuteranopia**  
3F3000



**Tritanopia**  
630900

# Trichromacy



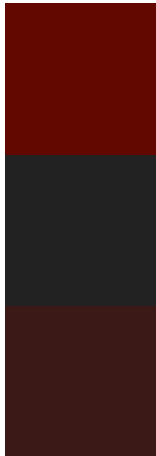
**Original Color**  
630800

**Protanomaly**  
482308

**Deuteranomaly**  
4C2100

**Tritanomaly**  
630900

# Monochromacy



**Original Color**  
630800

**Achromatopsia**  
222222

**Achromatomaly**  
3A1916

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 630800 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 #630800 looks like.

```
.text, #text, p{  
    color:#630800  
}
```

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 #630800 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #630800
}
```

## Border

The CSS property to change the border of an element to Hex 630800 is called "border". The border property can be set on classes, ids or directly on the HTML element.

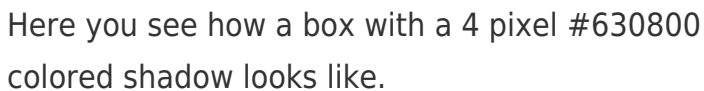
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#630800 }
```

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

```
.border{ border-color:#630800 }
```

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



Here you see how a box with a 4 pixel #630800 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #630800; -webkit-box-shadow:4px 4px  
4px 4px #630800; box-shadow:4px 4px 4px  
4px #630800 }
```

# Background

The CSS property to change the background color of an element to Hex 630800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#630800 }
```

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

```
.background{ background-color:#630800 }
```

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](#).



# Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

**@ConvertingColor**