

# Converting Colors

Hex(630317)

Have a look what the booklet for  
Hex(630317) contains.

<b>Hex(630317)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(630317)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	630317
RGB	99, 3, 23
RGB Percent	39%, 1%, 9%
CMY	0.6118, 0.9882, 0.9098
CMYK	0.00, 0.97, 0.77, 0.61
HSL	348°, 94%, 20%
HSV	348°, 97%, 39%
XYZ	5.3328, 2.7796, 1.0661
YIQ	33.9840, 50.7960, 26.5720

# Conversions

## Conversions Part 2

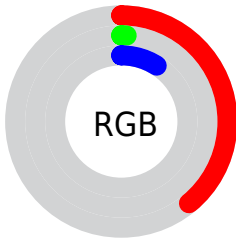
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	99, 3, 23
Decimal	6488855
CIE Lab	19.14, 39.95, 17.80
CIE LCh	19, 43.739, 24.011
Yxy	2.7796, 0.5810, 0.3028
Android (android.graphics.Color)	4284678935 (0xFF630317)
YUV	33.9840, -5.4151, 57.0190
Hunter-Lab	16.6722, 27.9189, 7.8794

# Details

The Hex color **630317** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **03634F**, and the grayscale version is **222222**.

A 20% lighter version of the original color is **9C3D41**, and **2F0002** is the 20% darker color. If you saturate the color by 10%, you get **630015**, and if you desaturate by 10%, it is **630D1F**.

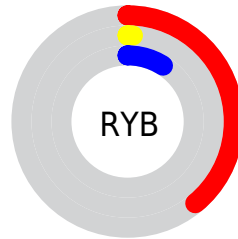
# Distribution



Red (39%)

Green (1%)

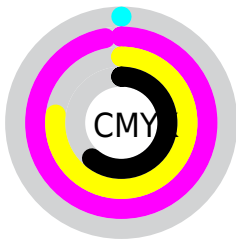
Blue (9%)



Red (39%)

Yellow (1%)

Blue (9%)

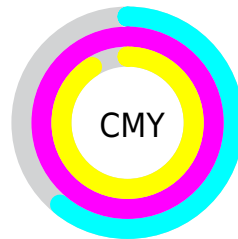


Cyan (0%)

Magenta (97%)

Yellow (77%)

Black (61%)



Cyan (61%)

Magenta (99%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 630317 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 630317 by changing the saturation by 10% instead.



 630317

 630317

 FFFBF8

 480000

 9C3D41

 2F0002

 B95659

 000000

 D67071

 F48B8B

 FFA6A5

 FFC2C0

 FFDEDC

 630317

 630317

■ 630015

■ 630D1F

■ 631727

■ 63212F

■ 632B36

■ 63353E

■ 633E46

■ 63484E

■ 635256

■ 635C5E

# Harmonies

## Analogous

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



620036



630317



571B00

# Triad

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



630317



003901



00356F

# Complementary

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



630317



03634F

# 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.



003A62



630317



003B27

# Square

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



630317



223400



003C48



162969

# Rectangle

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



630317



482700



003C48



00376C



# Sweetspot

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



630317



805B62



4E0363



40292E



BFBFBF



404040



# Same Dimension

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



630317



80001B



631E03



302C2D



700017



F00032



# Inverse Universe

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



630317



80001B



034863



302C2D



700017

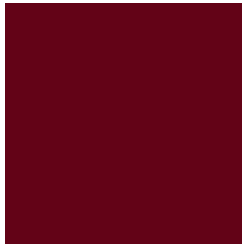


F00032



# Previews

## White Background



This preview shows how the Hex color 630317 looks on a white background.

## Color Contrast Check

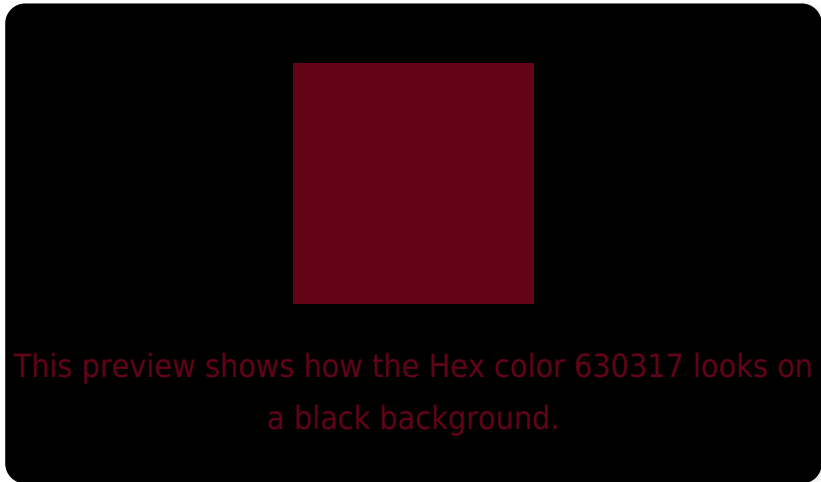
Large Text (above 18pt) WCAG AA ✓ Pass

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 630317 Background



This preview shows how black text looks on a background with the Hex color 630317.

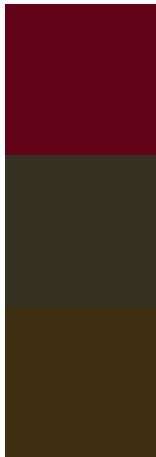


This preview shows how white text looks on a background with the Hex color 630317.

# 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**  
630317

**Protanopia**  
363223

**Deuteranopia**  
3F3011



**Tritanopia**  
630A06

# Trichromacy



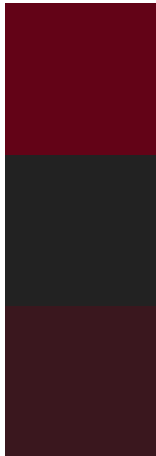
**Original Color**  
630317

**Protanomaly**  
46211F

**Deuteranomaly**  
4C2013

**Tritanomaly**  
63070C

# Monochromacy



**Original Color**  
630317

**Achromatopsia**  
222222

**Achromatomaly**  
3A171E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 630317 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 #630317 looks like.

```
.text, #text, p{  
    color:#630317  
}
```

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 #630317 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #630317
}
```

## Border

The CSS property to change the border of an element to Hex 630317 is called "border". The border property can be set on classes, ids or directly on the HTML element.

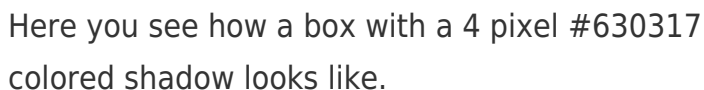
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#630317 }
```

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

```
.border{ border-color:#630317 }
```

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



Here you see how a box with a 4 pixel #630317 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #630317; -webkit-box-shadow:4px 4px  
4px 4px #630317; box-shadow:4px 4px 4px  
4px #630317 }
```

# Background

The CSS property to change the background color of an element to Hex 630317 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#630317 }
```

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

```
.background{ background-color:#630317 }
```

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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