

# Converting Colors

Hex(631200)

Have a look what the booklet for  
Hex(631200) contains.

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**Color**

**Hex(631200)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	631200
RGB	99, 18, 0
RGB Percent	39%, 7%, 0%
CMY	0.6118, 0.9294, 1.0000
CMYK	0.00, 0.82, 1.00, 0.61
HSL	11°, 100%, 19%
HSV	11°, 100%, 39%
XYZ	5.3619, 3.0853, 0.3129
YIQ	40.1670, 54.0540, 11.5740

# Conversions

## Conversions Part 2

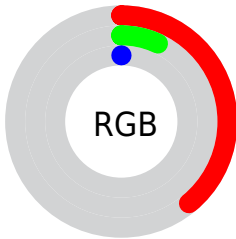
Format	Color
R <sub>Y</sub> B	99, 22, 0
Decimal	6492672
CIE Lab	20.38, 34.94, 30.67
CIE LCh	20, 46.491, 41.270
Yxy	3.0853, 0.6121, 0.3522
Android (android.graphics.Color)	4284682752 (0xFF631200)
YUV	40.1670, -19.8023, 51.5965
Hunter-Lab	17.5649, 23.7506, 11.2392

# Details

The Hex color **631200** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **005163**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **9C452F**, and **2F0001** is the 20% darker color. If you saturate the color by 10%, you get **631200**, and if you desaturate by 10%, it is **631A0A**.

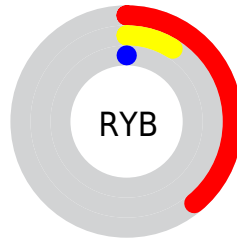
# Distribution



Red (39%)

Green (7%)

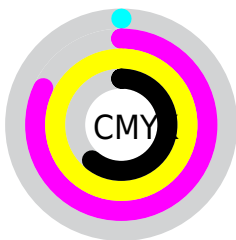
Blue (0%)



Red (39%)

Yellow (9%)

Blue (0%)

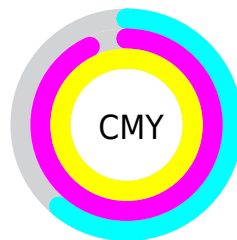


Cyan (0%)

Magenta (82%)

Yellow (100%)

Black (61%)



Cyan (61%)

Magenta (93%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 631200 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 631200 by changing the saturation by 10% instead.



 631200

 631200

 FFFFE2

 470000

 9C452F

 2F0001

 B95E46

 000000

 D7775D

 F69276

 FFAD90

 FFC9AB

 FFE5C6

 631200

■ 631A0A

■ 632214

■ 632A1E

■ 633228

■ 633B32

■ 63433B

■ 634B45

■ 63534F

■ 635B59

# Harmonies

## Analogous

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



6B0026



631200



4F2700

# Triad

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



631200



003E1A



003275

# Complementary

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



631200



005163

# 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.



003B73



631200



003F3E

# Square

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



631200



073B00



003F5E



402065

# Rectangle

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



631200



3C3000



003F5E



003676



# Sweetspot

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



631200



806059



630052



402D29



BFBFBF



404040



# Same Dimension

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



631200



801700



634200



302C2C



701400



F02C00



# Inverse Universe

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



005163



006880



002163



2C3030



005C70

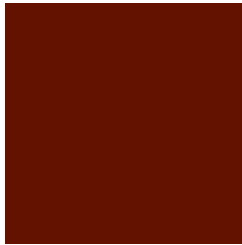


00C4F0



# Previews

## White Background



This preview shows how the Hex color 631200 looks on a white background.

## Color Contrast Check

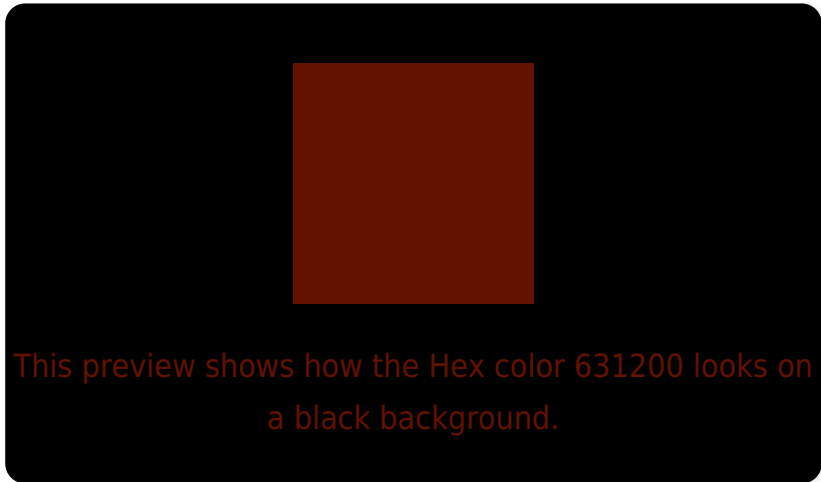
Large Text (above 18pt) WCAG AA ✓ Pass

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

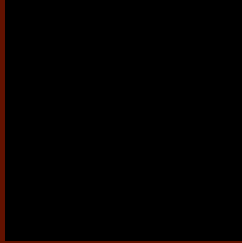
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 631200 Background



This preview shows how black text looks on a background with the Hex color 631200.



This preview shows how white text looks on a background with the Hex color 631200.

# 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**  
631200

**Protanopia**  
3A340C

**Deuteranopia**  
413100



**Tritanopia**  
631110

# Trichromacy



**Original Color**  
631200

**Protanomaly**  
492808

**Deuteranomaly**  
4D2600

**Tritanomaly**  
63110A

# Monochromacy



**Original Color**  
631200

**Achromatopsia**  
282828

**Achromatomaly**  
3D2019

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 631200 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 #631200 looks like.

```
.text, #text, p{  
    color:#631200  
}
```

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 #631200 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #631200
}
```

## Border

The CSS property to change the border of an element to Hex 631200 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".

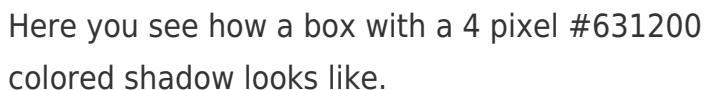
```
.border, #border, table{ border:4px solid
#631200 }
```

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

```
.border{ border-color:#631200 }
```

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

Here you see how a box with a 4 pixel #631200 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The shadow is cast to the right and bottom of the box, creating a 3D effect. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #631200 colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #631200; -webkit-box-shadow:4px 4px  
4px 4px #631200; box-shadow:4px 4px 4px  
4px #631200 }
```

# Background

The CSS property to change the background color of an element to Hex 631200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#631200 }
```

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

```
.background{ background-color:#631200 }
```

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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