

Converting Colors

Hex(631212)

Have a look what the booklet for
Hex(631212) contains.

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Color

Hex(631212)

Conversions

Conversions Part 1

Format	Color
Hex	631212
RGB	99, 18, 18
RGB Percent	39%, 7%, 7%
CMY	0.6118, 0.9294, 0.9294
CMYK	0.00, 0.82, 0.82, 0.61
HSL	0°, 69%, 23%
HSV	0°, 82%, 39%
XYZ	5.4711, 3.1289, 0.8879
YIQ	42.2190, 48.2760, 17.1720

Conversions

Conversions Part 2

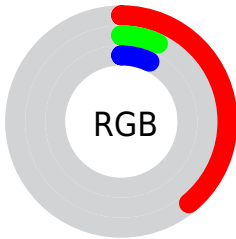
Format	Color
RYB	99, 18, 18
Decimal	6492690
CIELab	20.55, 35.50, 22.74
CIELCh	21, 42.156, 32.639
Yxy	3.1289, 0.5766, 0.3298
Android (android.graphics.Color)	4284682770 (0xFF631212)
YUV	42.2190, -11.9400, 49.7969
Hunter-Lab	17.6888, 24.2540, 9.4062

Details

The Hex color **631212** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **126363**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **9C453C**, and **300001** is the 20% darker color. If you saturate the color by 10%, you get **630808**, and if you desaturate by 10%, it is **631C1C**.

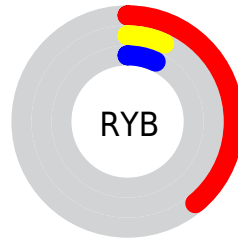
Distribution



Red (39%)

Green (7%)

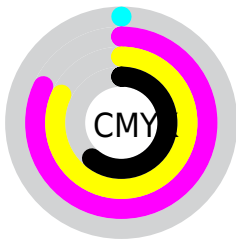
Blue (7%)



Red (39%)

Yellow (7%)

Blue (7%)

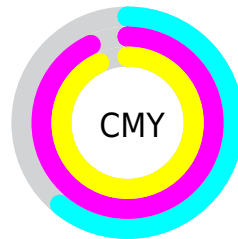


Cyan (0%)

Magenta (82%)

Yellow (82%)

Black (61%)



Cyan (61%)

Magenta (93%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 631212 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 631212 by changing the saturation by 10% instead.

 631212

 631212

 FFFFF3

 480000

 9C453C

 300001

 B95E54

 000000

 D6786C

 F49285

 FFAD9F

 FFC9BA

 FFE6D6

 631212

 631212

■ 630808

■ 631C1C

■ 630000

■ 632626

■ 633030

■ 633A3A

■ 634444

■ 634D4D

■ 635757

■ 636161

■ 636B6B

Harmonies

Analogous

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



660430



631212



542400

Triad

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



631212



003D13



003570

Complementary

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



631212



126363

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.



003C69



631212



003E33

Square

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



631212



1D3900



003E52



322866

Rectangle

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



631212



442E00



003E52



003870

Sweetspot

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



631212



806060



631263



402D2D



BFBFBF



404040

Same Dimension

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



631212



800303



633B12



302C2C



700000



F00000

Inverse Universe

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



126363



038080



123B63



2C3030



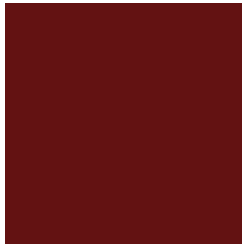
007070



00F0F0

Previews

White Background



This preview shows how the Hex color 631212 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 631212 Background



This preview shows how black text looks on a background with the Hex color 631212.

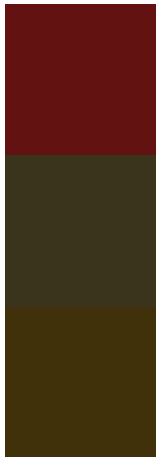


This preview shows how white text looks on a background with the Hex color 631212.

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
631212

Protanopia
39341B

Deuteranopia
41310A

Trichromacy



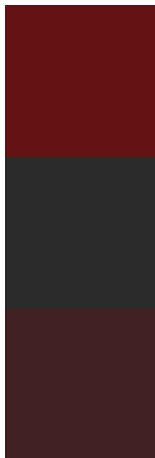
Original Color
631212

Protanomaly
482818

Deuteranomaly
4D260D

Tritanomaly
631212

Monochromacy



Original Color
631212

Achromatopsia
2A2A2A

Achromatomaly
3F2121

CSS Examples

Text

The CSS property to change the color of the text to Hex 631212 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 #631212 looks like.

```
.text, #text, p{  
    color:#631212  
}
```

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 #631212 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #631212
}
```

Border

The CSS property to change the border of an element to Hex 631212 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".

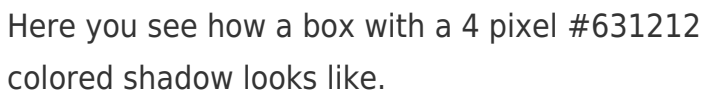
```
.border, #border, table{ border:4px solid
#631212 }
```

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

```
.border{ border-color:#631212 }
```

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

Here you see how a box with a 4 pixel #631212 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The shadow is visible on the right and bottom edges 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 #631212 colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #631212; -webkit-box-shadow:4px 4px  
4px 4px #631212; box-shadow:4px 4px 4px  
4px #631212 }
```

Background

The CSS property to change the background color of an element to Hex 631212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#631212 }
```

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

```
.background{ background-color:#631212 }
```

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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