

Converting Colors

Hex(630018)

Have a look what the booklet for
Hex(630018) contains.

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Color

Hex(630018)

Conversions

Conversions Part 1

Format	Color
Hex	630018
RGB	99, 0, 24
RGB Percent	39%, 0%, 9%
CMY	0.6118, 1.0000, 0.9059
CMYK	0.00, 1.00, 0.76, 0.61
HSL	345°, 100%, 19%
HSV	345°, 100%, 39%
XYZ	5.3105, 2.7186, 1.1090
YIQ	32.3370, 51.3000, 28.4520

Conversions

Conversions Part 2

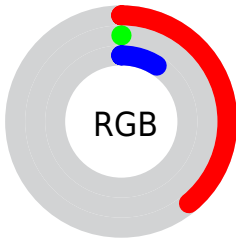
Format	Color
R_{YB}	99, 0, 24
Decimal	6488088
CIE Lab	18.88, 40.80, 16.78
CIE LCh	19, 44.121, 22.359
Yxy	2.7186, 0.5811, 0.2975
Android (android.graphics.Color)	4284678168 (0xFF630018)
YUV	32.3370, -4.1101, 58.4635
Hunter-Lab	16.4882, 28.6365, 7.5538

Details

The Hex color **630018** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **00634B**, and the grayscale version is **202020**.

A 20% lighter version of the original color is **9C3B42**, and **2F0002** is the 20% darker color. If you saturate the color by 10%, you get **630018**, and if you desaturate by 10%, it is **630A1F**.

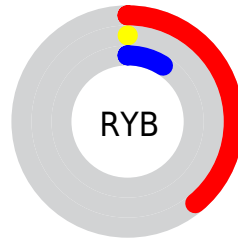
Distribution



Red (39%)

Green (0%)

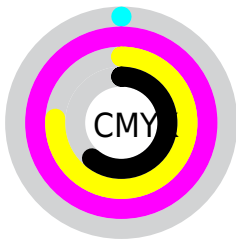
Blue (9%)



Red (39%)

Yellow (0%)

Blue (9%)

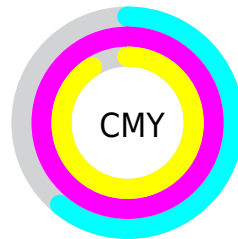


Cyan (0%)

Magenta (100%)

Yellow (76%)

Black (61%)



Cyan (61%)

Magenta (100%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 630018 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 630018 by changing the saturation by 10% instead.

 630018

 630018

 FFFAFA

 480000

 9C3B42

 2F0002

 B9555A

 000000

 D66F72

 F4898C

 FFA5A6

 FFC0C1

 FFDDDD

 630018

■ 630A1F

■ 631427

■ 631E2F

■ 632836

■ 63323E

■ 633B45

■ 63454D

■ 634F54

■ 63595C

Harmonies

Analogous

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



610038



630018



571900

Triad

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



630018



003800



00356E

Complementary

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



630018



00634B

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.



003A61



630018



003A24

Square

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



630018



233300



003B46



0B296A

Rectangle

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



630018



492500



003B46



00376C

Sweetspot

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



630018



805963



4A0063



40292E



BFBFBF



404040

Same Dimension

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



630018



80001F



631900



302C2D



70001B



F0003A

Inverse Universe

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



630018



80001F



004A63



302C2D



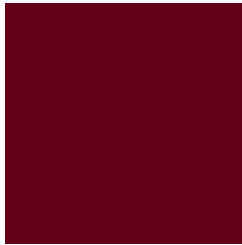
70001B



F0003A

Previews

White Background



This preview shows how the Hex color 630018 looks on a white background.

Color Contrast Check

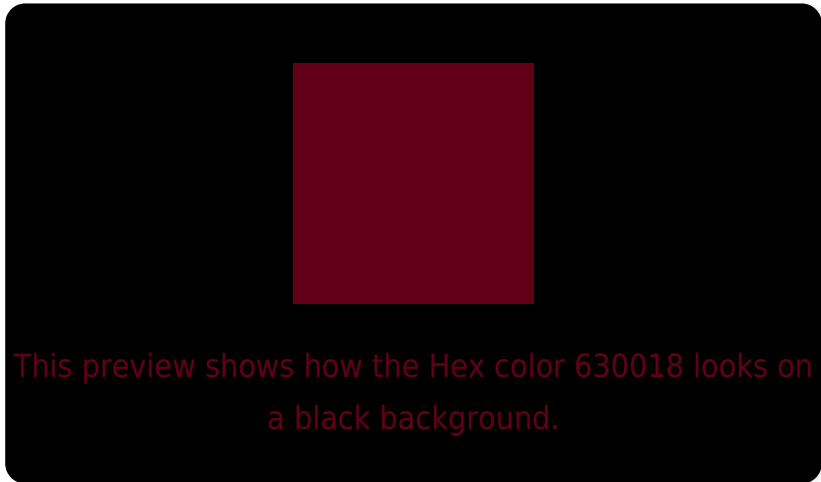
Large Text (above 18pt) WCAG AA ✓ Pass

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

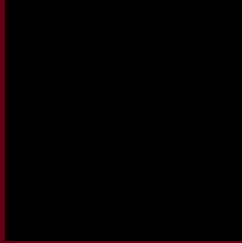
Any Text WCAG AA × Fail

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 630018 Background



This preview shows how black text looks on a background with the Hex color 630018.

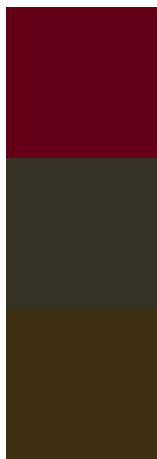


This preview shows how white text looks on a background with the Hex color 630018.

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
630018

Protanopia
363224

Deuteranopia
3F3012



Tritanopia
630A06

Trichromacy



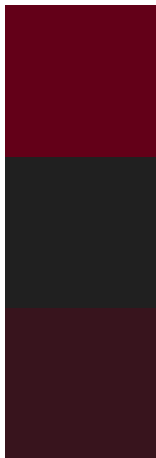
Original Color
630018

Protanomaly
462020

Deuteranomaly
4C1F14

Tritanomaly
63060D

Monochromacy



Original Color
630018

Achromatopsia
202020

Achromatomaly
38141D

CSS Examples

Text

The CSS property to change the color of the text to Hex 630018 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 #630018 looks like.

```
.text, #text, p{  
    color:#630018  
}
```

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 #630018 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #630018
}
```

Border

The CSS property to change the border of an element to Hex 630018 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".

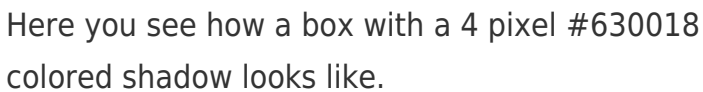
```
.border, #border, table{ border:4px solid
#630018 }
```

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

```
.border{ border-color:#630018 }
```

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

Here you see how a box with a 4 pixel #630018 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 #630018 colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #630018; -webkit-box-shadow:4px 4px  
4px 4px #630018; box-shadow:4px 4px 4px  
4px #630018 }
```

Background

The CSS property to change the background color of an element to Hex 630018 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#630018 }
```

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

```
.background{ background-color:#630018 }
```

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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