

# Converting Colors

Hex(6C001A)

Have a look what the booklet for  
Hex(6C001A) contains.

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# Color

**Hex(6C001A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6C001A
RGB	108, 0, 26
RGB Percent	42%, 0%, 10%
CMY	0.5765, 1.0000, 0.8980
CMYK	0.00, 1.00, 0.76, 0.58
HSL	346°, 100%, 21%
HSV	346°, 100%, 42%
XYZ	6.3708, 3.2627, 1.2713
YIQ	35.2560, 56.0220, 30.9820

# Conversions

## Conversions Part 2

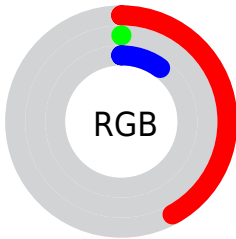
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	108, 0, 26
Decimal	7077914
CIE <sub>Lab</sub>	21.07, 43.33, 18.54
CIE <sub>LCh</sub>	21, 47.133, 23.158
Yxy	3.2627, 0.5842, 0.2992
Android (android.graphics.Color)	4285267994 (0xFF6C001A)
YUV	35.2560, -4.5632, 63.7965
Hunter-Lab	18.0630, 31.3464, 8.4713

# Details

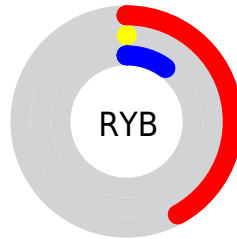
The Hex color **6C001A** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **006C52**, and the grayscale version is **232323**.

A 20% lighter version of the original color is **A63E45**, and **370001** is the 20% darker color. If you saturate the color by 10%, you get **6C001A**, and if you desaturate by 10%, it is **6C0B22**.

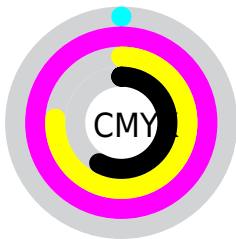
# Distribution



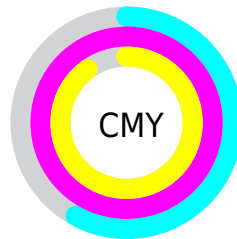
- Red (42%)
- Green (0%)
- Blue (10%)



- Red (42%)
- Yellow (0%)
- Blue (10%)



- Cyan (0%)
- Magenta (100%)
- Yellow (76%)
- Black (58%)



- Cyan (58%)
- Magenta (100%)
- Yellow (90%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6C001A 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 6C001A by changing the saturation by 10% instead.



 6C001A

 6C001A

 FFFFEFD

 500000

 A63E45

 370001

 C3585C

 0C0000

 E17275

 000000

 FF8D8E

 FFA8A9

 FFC4C4

 FFE1E0

 6C001A

 6C0B22

 6C162A

 6C2033

 6C2B3B

 6C3643

 6C414B

 6C4C53

 6C565C

 6C6164

# Harmonies

## Analogous

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



6A003C



6C001A



5F1D00

# Triad

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



6C001A



003E00



003A79

# Complementary

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



6C001A



006C52

# 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.



003F6A



6C001A



004029

# Square

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



6C001A



263900



00414D



122D74

# Rectangle

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



6C001A



4F2A00



00414D



003C76



# Sweetspot

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



6C001A



8C626C



51006C



472E34



C7C7C7



474747



# Same Dimension

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



6C001A



8C0022



6C1B00



363031



75001C



F5003B



# Inverse Universe

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



6C001A



8C0022



00516C



363031



75001C

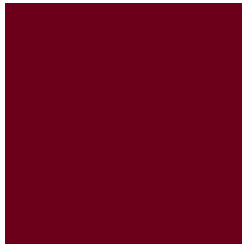


F5003B



# Previews

## White Background



This preview shows how the Hex color 6C001A looks on a white background.

## Color Contrast Check

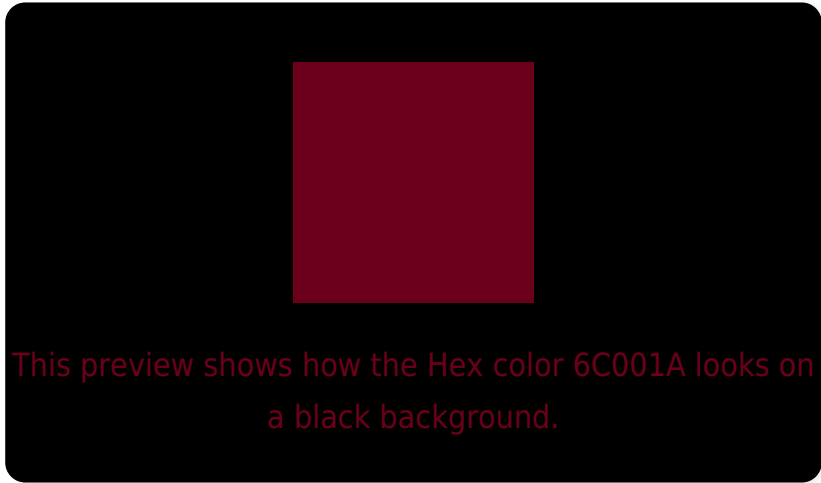
Large Text (above 18pt) WCAG AA ✓ Pass

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

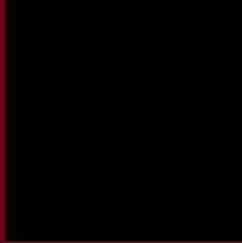
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6C001A Background



This preview shows how black text looks on a background with the Hex color 6C001A.

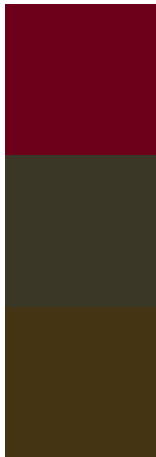


This preview shows how white text looks on a background with the Hex color 6C001A.

# 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**  
6C001A

**Protanopia**  
3B3727

**Deuteranopia**  
443414



# Trichromacy



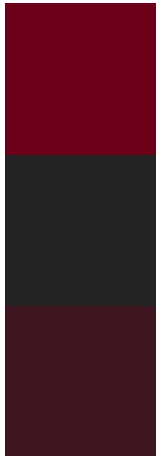
**Original Color**  
6C001A

**Protanomaly**  
4D2322

**Deuteranomaly**  
532116

**Tritanomaly**  
6C070D

# Monochromacy



**Original Color**  
6C001A

**Achromatopsia**  
232323

**Achromatomaly**  
3E1620

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6C001A 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 #6C001A looks like.

```
.text, #text, p{  
    color:#6C001A  
}
```

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 #6C001A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6C001A
}
```

## Border

The CSS property to change the border of an element to Hex 6C001A 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".

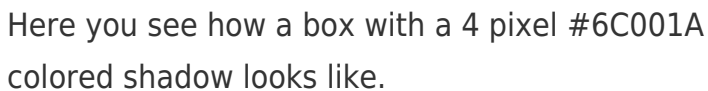
```
.border, #border, table{ border:4px solid
#6C001A }
```

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

```
.border{ border-color:#6C001A }
```

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

Here you see how a box with a 4 pixel #6C001A 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 #6C001A colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6C001A; -webkit-box-shadow:4px 4px  
4px 4px #6C001A; box-shadow:4px 4px 4px  
4px #6C001A }
```

# Background

The CSS property to change the background color of an element to Hex 6C001A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6C001A }
```

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

```
.background{ background-color:#6C001A }
```

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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