

# Converting Colors

Hex(6C012A)

Have a look what the booklet for  
Hex(6C012A) contains.

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**Color**

**Hex(6C012A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6C012A
RGB	108, 1, 42
RGB Percent	42%, 0%, 16%
CMY	0.5765, 0.9961, 0.8353
CMYK	0.00, 0.99, 0.61, 0.58
HSL	337°, 98%, 21%
HSV	337°, 99%, 42%
XYZ	6.6131, 3.3770, 2.4938
YIQ	37.6670, 50.6110, 35.4350

# Conversions

## Conversions Part 2

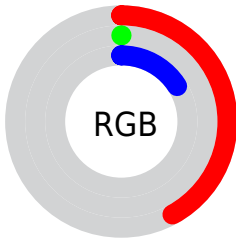
<b>Format</b>	<b>Color</b>
<b>RYB</b>	108, 1, 42
Decimal	7078186
CIELab	21.49, 44.03, 7.85
CIELCh	21, 44.728, 10.106
Yxy	3.3770, 0.5297, 0.2705
Android (android.graphics.Color)	4285268266 (0xFF6C012A)
YUV	37.6670, 2.1362, 61.6820
Hunter-Lab	18.3767, 32.0767, 4.8178

# Details

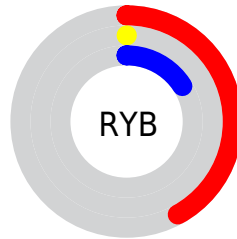
The Hex color **6C012A** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **016C43**, and the grayscale version is **262626**.

A 20% lighter version of the original color is **A53F57**, and **380001** is the 20% darker color. If you saturate the color by 10%, you get **6C0029**, and if you desaturate by 10%, it is **6C0C31**.

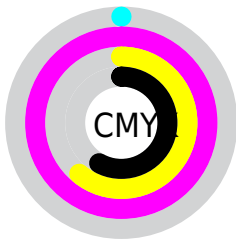
# Distribution



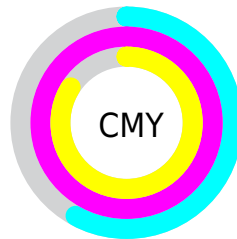
- Red (42%)
- Green (0%)
- Blue (16%)



- Red (42%)
- Yellow (0%)
- Blue (16%)



- Cyan (0%)
- Magenta (99%)
- Yellow (61%)
- Black (58%)



- Cyan (58%)
- Magenta (100%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6C012A 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 6C012A by changing the saturation by 10% instead.



 6C012A

 6C012A

FFFFFF

 500016

 A53F57

 380001

 C2596F

 120000

 DF7389

 000000

 FD8EA3

 FFAABE

 FFC6D9

 FFE2F6

 6C012A

 6C012A

■ 6C0029

■ 6C0C31

■ 6C1737

■ 6C213E

■ 6C2C45

■ 6C374B

■ 6C4252

■ 6C4D59

■ 6C575F

■ 6C6266

# Harmonies

## Analogous

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



620D4B



6C012A



651608

# Triad

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



6C012A



0F3D00



003D72

# Complementary

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



6C012A



016C43

# 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.



00415E



6C012A



00401B

# Square

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



6C012A



373600



00413E



003476

# Rectangle

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



6C012A



5A2400



00413E



003F6D



# Sweetspot

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



6C012A



8C6272



43016C



472E38



C7C7C7



474747



# Same Dimension

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



6C012A



8C0036



6C0D01



363032



75002D



F5005E



# Inverse Universe

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



6C012A



8C0036



01606C



363032



75002D

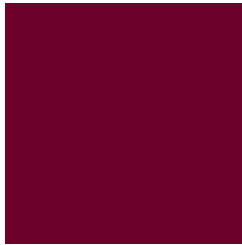


F5005E



# Previews

## White Background



This preview shows how the Hex color 6C012A looks on a white background.

## Color Contrast Check

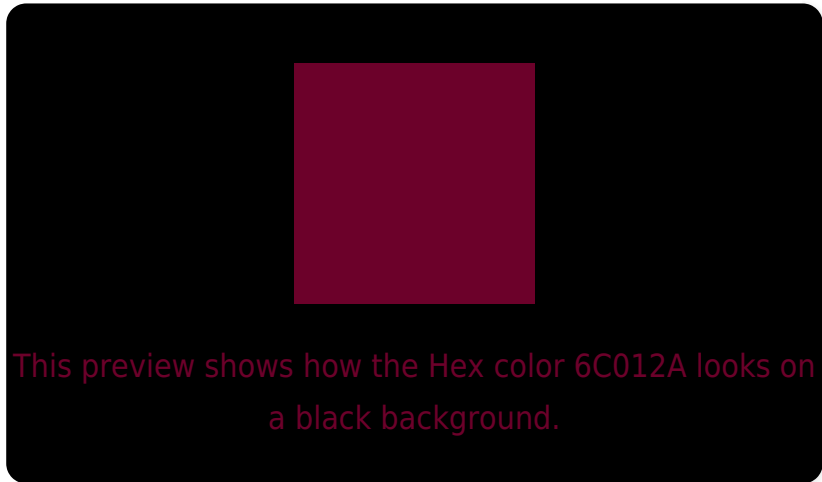
Large Text (above 18pt) WCAG AA ✓ Pass

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 6C012A Background



This preview shows how black text looks on a background with the Hex color 6C012A.



This preview shows how white text looks on a background with the Hex color 6C012A.

# 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**  
6C012A

**Protanopia**  
37373D

**Deuteranopia**  
423525



**Tritanopia**  
6B1110

# Trichromacy



**Original Color**  
6C012A

**Protanomaly**  
4A2336

**Deuteranomaly**  
512227

**Tritanomaly**  
6B0B19

# Monochromacy



**Original Color**  
6C012A

**Achromatopsia**  
262626

**Achromatomaly**  
3F1927

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6C012A 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 #6C012A looks like.

```
.text, #text, p{  
    color:#6C012A  
}
```

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 #6C012A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6C012A
}
```

## Border

The CSS property to change the border of an element to Hex 6C012A 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
#6C012A }
```

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

```
.border{ border-color:#6C012A }
```

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

Here you see how a box with a 4 pixel #6C012A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6C012A; -webkit-box-shadow:4px 4px  
4px 4px #6C012A; box-shadow:4px 4px 4px  
4px #6C012A }
```

# Background

The CSS property to change the background color of an element to Hex 6C012A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6C012A }
```

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

```
.background{ background-color:#6C012A }
```

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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