

# Converting Colors

Hex(6C0A2D)

Have a look what the booklet for  
Hex(6C0A2D) contains.

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**Color**

**Hex(6C0A2D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6C0A2D
RGB	108, 10, 45
RGB Percent	42%, 4%, 18%
CMY	0.5765, 0.9608, 0.8235
CMYK	0.00, 0.91, 0.58, 0.58
HSL	339°, 83%, 23%
HSV	339°, 91%, 42%
XYZ	6.7665, 3.5947, 2.8198
YIQ	43.2920, 47.1730, 31.6610

# Conversions

## Conversions Part 2

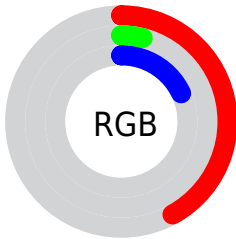
Format	Color
<a href="#">RYB</a>	<a href="#">108, 10, 45</a>
Decimal	<a href="#">7080493</a>
CIELab	<a href="#">22.28, 42.21, 6.83</a>
CIElCh	<a href="#">22, 42.761, 9.196</a>
Yxy	<a href="#">3.5947, 0.5134, 0.2727</a>
Android (android.graphics.Color)	<a href="#">4285270573</a> ( <a href="#">0xFF6C0A2D</a> )
YUV	<a href="#">43.2920, 0.8420, 56.7489</a>
Hunter-Lab	<a href="#">18.9597, 30.5257, 4.4537</a>

# Details

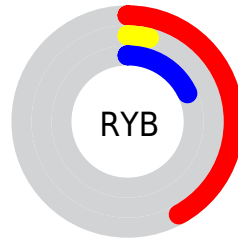
The Hex color **6C0A2D** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **0A6C49**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **A4435A**, and **380001** is the 20% darker color. If you saturate the color by 10%, you get **6C0027**, and if you desaturate by 10%, it is **6C1534**.

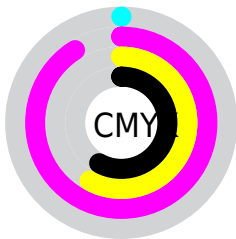
# Distribution



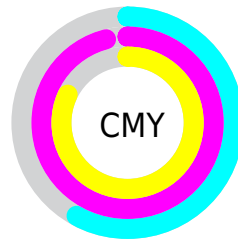
- Red (42%)
- Green (4%)
- Blue (18%)



- Red (42%)
- Yellow (4%)
- Blue (18%)



- Cyan (0%)
- Magenta (91%)
- Yellow (58%)
- Black (58%)



- Cyan (58%)
- Magenta (96%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6C0A2D 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 6C0A2D by changing the saturation by 10% instead.



 6C0A2D

 6C0A2D

FFFFFF

 510019

 A4435A

 380001

 C15D73

 140000

 DE778C

 000000

 FC92A7

 FFADC2

 FFCADE

 FFE6FA

 6C0A2D

 6C0A2D

■ 6C0027

■ 6C1534

■ 6C203B

■ 6C2A42

■ 6C3549

■ 6C4050

■ 6C4B57

■ 6C565E

■ 6C6065

■ 6C6B6B

# Harmonies

## Analogous

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



61144D



6C0A2D



661A0E

# Triad

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



6C0A2D



153E00



003F71

# Complementary

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



6C0A2D



0A6C49

# 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.



00425D



6C0A2D



00421D

# Square

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



6C0A2D



3A3700



00433F



003675

# Rectangle

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



6C0A2D



5B2600



00433F



00406C



# Sweetspot

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



6C0A2D



8C6674



480A6C



473139



C7C7C7



474747



# Same Dimension

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



6C0A2D



8C0032



6C170A



363032



75002A



F50057



# Inverse Universe

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



6C0A2D



8C0032



0A5F6C



363032



75002A

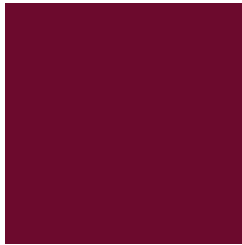


F50057



# Previews

## White Background



This preview shows how the Hex color 6C0A2D looks on a white background.

## Color Contrast Check

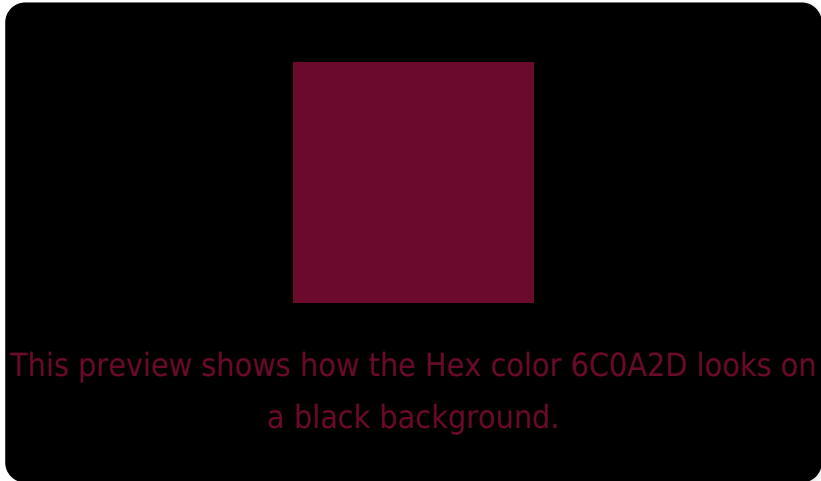
Large Text (above 18pt) WCAG AA ✓ Pass

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 6C0A2D Background



This preview shows how black text looks on a background with the Hex color 6C0A2D.

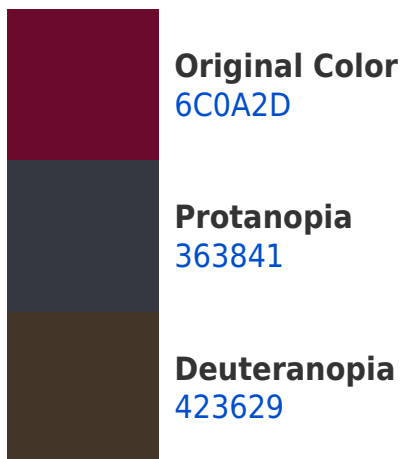


This preview shows how white text looks on a background with the Hex color 6C0A2D.

# 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





**Tritanopia**  
6B1413

# Trichromacy



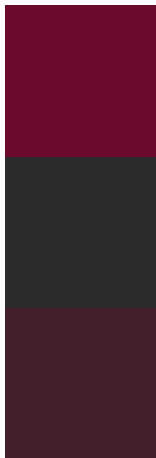
**Original Color**  
6C0A2D

**Protanomaly**  
4A273A

**Deuteranomaly**  
51262A

**Tritanomaly**  
6B101C

# Monochromacy



**Original Color**  
6C0A2D

**Achromatopsia**  
2B2B2B

**Achromatomaly**  
431F2C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6C0A2D 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 #6C0A2D looks like.

```
.text, #text, p{  
    color:#6C0A2D  
}
```

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 #6C0A2D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6C0A2D
}
```

## Border

The CSS property to change the border of an element to Hex 6C0A2D 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
#6C0A2D }
```

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

```
.border{ border-color:#6C0A2D }
```

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

Here you see how a box with a 4 pixel #6C0A2D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6C0A2D; -webkit-box-shadow:4px 4px  
4px 4px #6C0A2D; box-shadow:4px 4px 4px  
4px #6C0A2D }
```

# Background

The CSS property to change the background color of an element to Hex 6C0A2D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6C0A2D }
```

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

```
.background{ background-color:#6C0A2D }
```

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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