

# Converting Colors

Hex(690022)

Have a look what the booklet for  
Hex(690022) contains.

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# Color

**Hex(690022)**

# Conversions

## Conversions Part 1

Format	Color
Hex	690022
RGB	105, 0, 34
RGB Percent	41%, 0%, 13%
CMY	0.5882, 1.0000, 0.8667
CMYK	0.00, 1.00, 0.68, 0.59
HSL	341°, 100%, 21%
HSV	341°, 100%, 41%
XYZ	6.1144, 3.1188, 1.7931
YIQ	35.2710, 51.6660, 32.8340

# Conversions

## Conversions Part 2

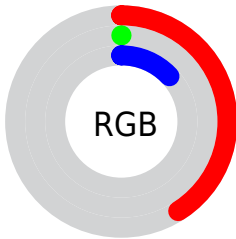
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	105, 0, 34
Decimal	6881314
CIE <sub>Lab</sub>	20.51, 42.96, 12.07
CIE <sub>LCh</sub>	21, 44.622, 15.694
Yxy	3.1188, 0.5545, 0.2828
Android (android.graphics.Color)	4285071394 (0xFF690022)
YUV	35.2710, -0.6266, 61.1523
Hunter-Lab	17.6600, 30.8972, 6.3420

# Details

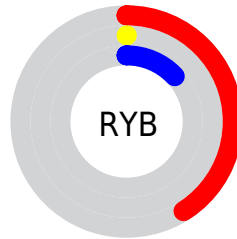
The Hex color **690022** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **006947**, and the grayscale version is **232323**.

A 20% lighter version of the original color is **A23D4E**, and **350002** is the 20% darker color. If you saturate the color by 10%, you get **690022**, and if you desaturate by 10%, it is **690A29**.

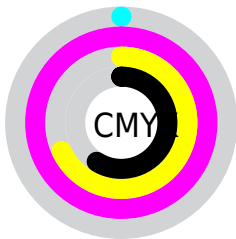
# Distribution



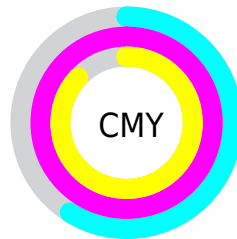
- Red (41%)
- Green (0%)
- Blue (13%)



- Red (41%)
- Yellow (0%)
- Blue (13%)



- Cyan (0%)
- Magenta (100%)
- Yellow (68%)
- Black (59%)



- Cyan (59%)
- Magenta (100%)
- Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 690022 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 690022 by changing the saturation by 10% instead.



 690022

 690022

 FFFDFF

 4E000C

 A23D4E

 350002

 BF5766

 050000

 DC717F

 000000

 FA8C99

 FFA7B3

 FFC3CF

 FFE0EB

 690022

 690A29

 691530

 692037

 692A3E

 693546

 693F4D

 694A54

 69545B

 695F62

# Harmonies

## Analogous

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



630443



690022



601800

# Triad

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



690022



003B00



003A72

# Complementary

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



690022



006947

# 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.



003E60



690022



003E20

# Square

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



690022



2E3500



003F42



003071

# Rectangle

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



690022



532500



003F42



003C6E



# Sweetspot

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



690022



8A606E



460069



452C34



C4C4C4



454545



# Same Dimension

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



690022



8A002D



691100



363032



750026



F5004F



# Inverse Universe

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



690022



8A002D



005769



363032



750026

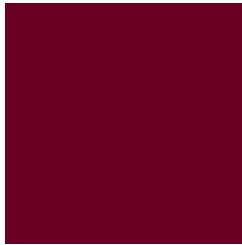


F5004F



# Previews

## White Background



This preview shows how the Hex color 690022 looks on a white background.

## Color Contrast Check

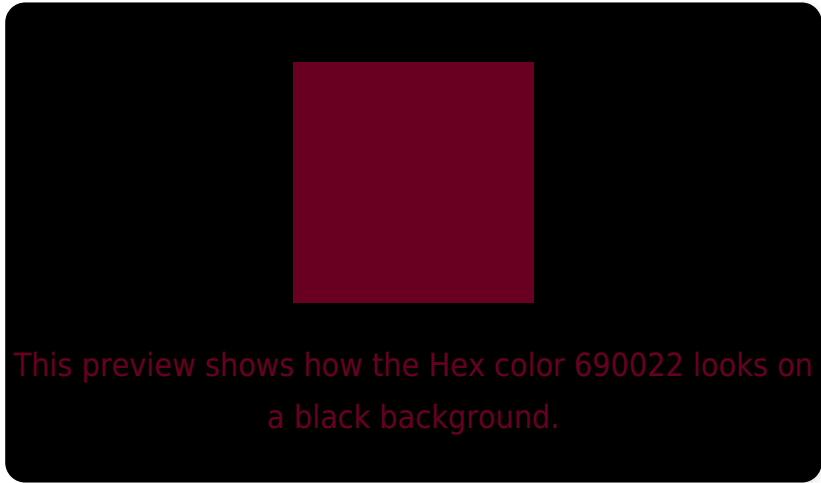
Large Text (above 18pt) WCAG AA ✓ Pass

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

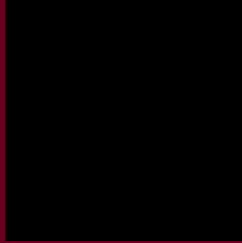
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 690022 Background



This preview shows how black text looks on a background with the Hex color 690022.



This preview shows how white text looks on a background with the Hex color 690022.

# 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**  
690022

**Protanopia**  
373532

**Deuteranopia**  
42331D



# Trichromacy



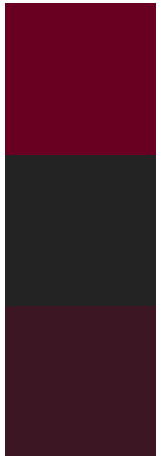
**Original Color**  
690022

**Protanomaly**  
49222C

**Deuteranomaly**  
50201F

**Tritanomaly**  
680914

# Monochromacy



**Original Color**  
690022

**Achromatopsia**  
232323

**Achromatomaly**  
3C1623

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 690022 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 #690022 looks like.

```
.text, #text, p{  
    color:#690022  
}
```

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 #690022 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #690022
}
```

## Border

The CSS property to change the border of an element to Hex 690022 is called "border". The border property can be set on classes, ids or directly on the HTML element.

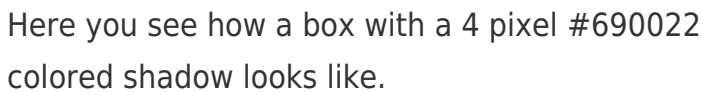
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#690022 }
```

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

```
.border{ border-color:#690022 }
```

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



Here you see how a box with a 4 pixel #690022 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #690022; -webkit-box-shadow:4px 4px  
4px 4px #690022; box-shadow:4px 4px 4px  
4px #690022 }
```

# Background

The CSS property to change the background color of an element to Hex 690022 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#690022 }
```

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

```
.background{ background-color:#690022 }
```

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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