

# Converting Colors

Hex(692B01)

Have a look what the booklet for  
Hex(692B01) contains.

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**Color**

**Hex(692B01)**

# Conversions

## Conversions Part 1

Format	Color
Hex	692B01
RGB	105, 43, 1
RGB Percent	41%, 17%, 0%
CMY	0.5882, 0.8314, 0.9961
CMYK	0.00, 0.59, 0.99, 0.59
HSL	24°, 98%, 21%
HSV	24°, 99%, 41%
XYZ	6.6951, 4.7332, 0.5894
YIQ	56.7500, 50.4340, 0.0820

# Conversions

## Conversions Part 2

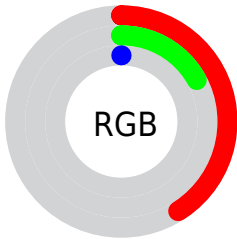
<b>Format</b>	<b>Color</b>
<b>RYB</b>	105, 71, 1
Decimal	6892289
CIELab	25.96, 25.63, 36.33
CIELCh	26, 44.459, 54.798
Yxy	4.7332, 0.5571, 0.3939
Android (android.graphics.Color)	4285082369 (0xFF692B01)
YUV	56.7500, -27.4847, 42.3153
Hunter-Lab	21.7559, 16.8578, 13.6228

# Details

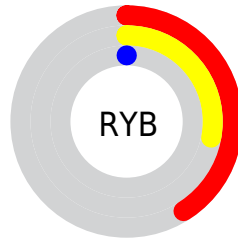
The Hex color **692B01** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **013F69**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **A25A30**, and **330000** is the 20% darker color. If you saturate the color by 10%, you get **692A00**, and if you desaturate by 10%, it is **69310B**.

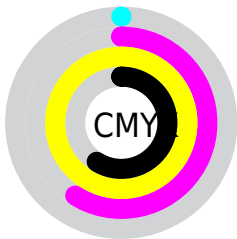
# Distribution



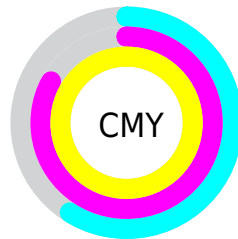
- Red (41%)
- Green (17%)
- Blue (0%)



- Red (41%)
- Yellow (28%)
- Blue (0%)



- Cyan (0%)
- Magenta (59%)
- Yellow (99%)
- Black (59%)



- Cyan (59%)
- Magenta (83%)
- Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 692B01 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 692B01 by changing the saturation by 10% instead.



 692B01

 692B01

 FFFFE6

 4E1400

 A25A30

 330000

 BF7348

 130000

 DD8D60

 000000

 FBA879

 FFC394

 FFDFAE

 FFFCCA

 692B01

 692B01

■ 692A00

■ 69310B

■ 693816

■ 693E21

■ 69442B

■ 694A35

■ 695140

■ 69574A

■ 695D55

■ 696360

# Harmonies

## Analogous

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



771923



692B01



513A00

# Triad

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



692B01



004C36



2D377B

# Complementary

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



692B01



013F69

# 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.



004481



692B01



004C59

# Square

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



692B01



004913



004A75



602565

# Rectangle

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



692B01



3D4100



004A75



003C80



# Sweetspot

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



692B01



8A7160



69013F



45362C



C4C4C4



454545



# Same Dimension

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



692B01



8A3800



695F01



363230



752F00



F56300



# Inverse Universe

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



013F69



00528A



010B69



303336



004675

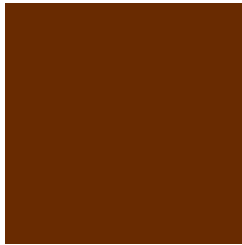


0092F5



# Previews

## White Background



This preview shows how the Hex color 692B01 looks on a white background.

## Color Contrast Check

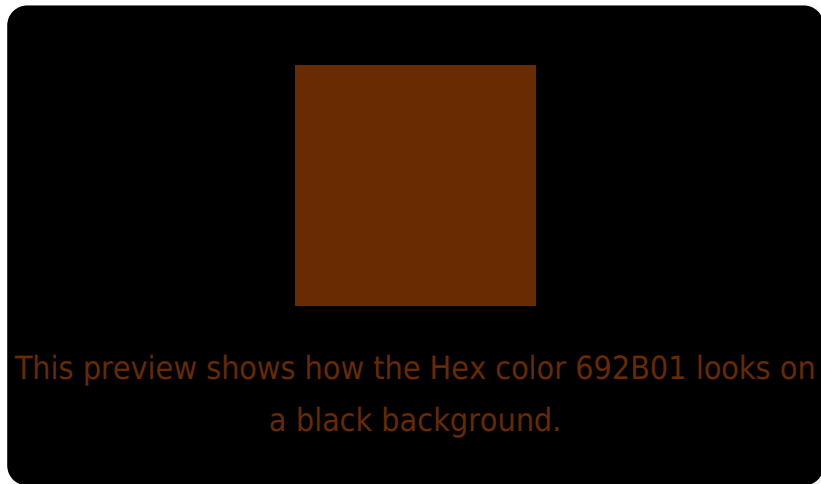
Large Text (above 18pt) WCAG AA ✓ Pass

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

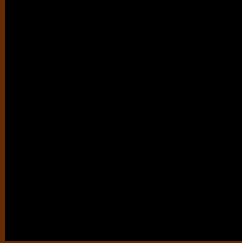
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 692B01 Background



This preview shows how black text looks on a background with the Hex color 692B01.



This preview shows how white text looks on a background with the Hex color 692B01.

# 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**  
692B01

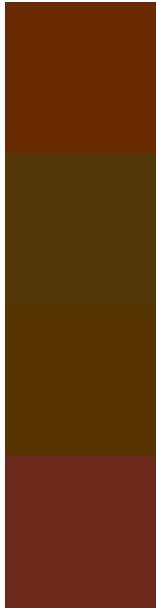
**Protanopia**  
473F0A

**Deuteranopia**  
4F3B00



**Tritanopia**  
6A282A

# Trichromacy



**Original Color**  
692B01

**Protanomaly**  
533807

**Deuteranomaly**  
583500

**Tritanomaly**  
6A291B

# Monochromacy



**Original Color**  
692B01

**Achromatopsia**  
393939

**Achromatomaly**  
4A3425

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 692B01 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 #692B01 looks like.

```
.text, #text, p{  
    color:#692B01  
}
```

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 #692B01 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #692B01
}
```

## Border

The CSS property to change the border of an element to Hex 692B01 is called "border". The border property can be set on classes, ids or directly on the HTML element.

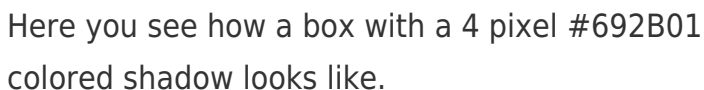
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#692B01 }
```

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

```
.border{ border-color:#692B01 }
```

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



Here you see how a box with a 4 pixel #692B01 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #692B01; -webkit-box-shadow:4px 4px  
4px 4px #692B01; box-shadow:4px 4px 4px  
4px #692B01 }
```

# Background

The CSS property to change the background color of an element to Hex 692B01 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#692B01 }
```

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

```
.background{ background-color:#692B01 }
```

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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