

# Converting Colors

Hex(69421D)

Have a look what the booklet for  
Hex(69421D) contains.

<b>Hex(69421D)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(69421D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	69421D
RGB	105, 66, 29
RGB Percent	41%, 26%, 11%
CMY	0.5882, 0.7412, 0.8863
CMYK	0.00, 0.37, 0.72, 0.59
HSL	29°, 57%, 26%
HSV	29°, 72%, 41%
XYZ	7.9957, 6.9884, 2.0899
YIQ	73.4430, 35.1210, -3.2390

# Conversions

## Conversions Part 2

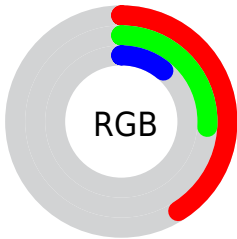
<b>Format</b>	<b>Color</b>
<b>RYB</b>	105, 101, 29
Decimal	6898205
CIELab	31.78, 13.13, 28.83
CIELCh	32, 31.681, 65.510
Yxy	6.9884, 0.4683, 0.4093
Android (android.graphics.Color)	4285088285 (0xFF69421D)
YUV	73.4430, -21.9104, 27.6755
Hunter-Lab	26.4356, 7.7267, 13.8177

# Details

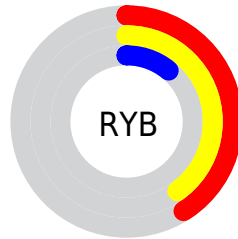
The Hex color **69421D** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **1D4469**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **9F724B**, and **361700** is the 20% darker color. If you saturate the color by 10%, you get **693D13**, and if you desaturate by 10%, it is **694727**.

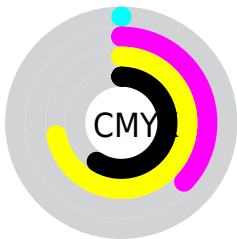
# Distribution



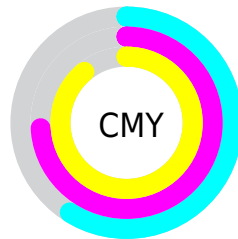
- Red (41%)
- Green (26%)
- Blue (11%)



- Red (41%)
- Yellow (40%)
- Blue (11%)



- Cyan (0%)
- Magenta (37%)
- Yellow (72%)
- Black (59%)



- Cyan (59%)
- Magenta (74%)
- Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 69421D 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 69421D by changing the saturation by 10% instead.



 69421D

 69421D

FFFFFF

 4F2C06

 9F724B

 361700

 BB8C63

 1F0000

 D8A67C

 000000

 F5C196

 FFDDB1

 FFFACD

 FFFFEE9

 69421D

 69421D

■ 693D13

■ 694727

■ 693708

■ 694D32

■ 693300

■ 69523C

■ 695847

■ 695D52

■ 69625C

■ 696866

■ 696D71

■ 69727C

# Harmonies

## Analogous

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



76392F



69421D



544B16

# Triad

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



69421D



00574F



524273

# Complementary

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



69421D



1D4469

# 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.



234C7C



69421D



005667

# Square

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



69421D



145635



005378



6D3960

# Rectangle

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



69421D



44501B



005378



464678



# Sweetspot

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



69421D



8A7A6B



691D44



453C33



C4C4C4



454545



# Same Dimension

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



69421D



8A4C12



69681D



363330



753900



F57700



# Inverse Universe

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



1D4469



124F8A



1D1E69



303336



003C75



007EF5



# Previews

## White Background



This preview shows how the Hex color 69421D looks on a white background.

## Color Contrast Check

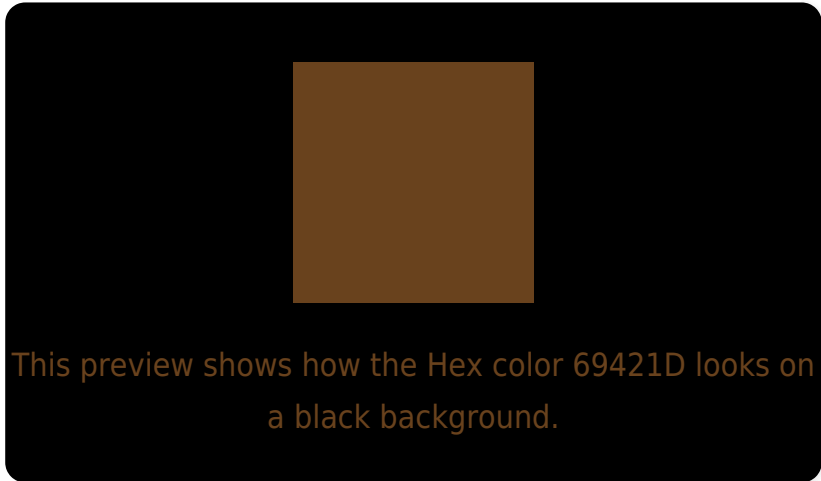
Large Text (above 18pt) WCAG AA ✓ Pass

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 69421D Background



This preview shows how black text looks on a background with the Hex color 69421D.



This preview shows how white text looks on a background with the Hex color 69421D.

# 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**  
69421D

**Protanopia**  
544B20

**Deuteranopia**  
5E471B



**Tritanopia**  
6B3E43

# Trichromacy



**Original Color**  
69421D

**Protanomaly**  
5C481F

**Deuteranomaly**  
62451C

**Tritanomaly**  
6A3F35

# Monochromacy



**Original Color**  
69421D

**Achromatopsia**  
494949

**Achromatomaly**  
554639

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 69421D 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 #69421D looks like.

```
.text, #text, p{  
    color:#69421D  
}
```

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 #69421D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #69421D
}
```

## Border

The CSS property to change the border of an element to Hex 69421D is called "border". The border property can be set on classes, ids or directly on the HTML element.

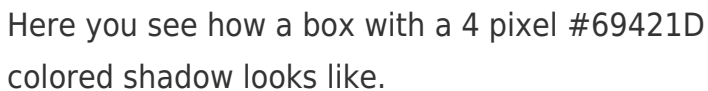
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#69421D }
```

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

```
.border{ border-color:#69421D }
```

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



Here you see how a box with a 4 pixel #69421D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #69421D; -webkit-box-shadow:4px 4px  
4px 4px #69421D; box-shadow:4px 4px 4px  
4px #69421D }
```

# Background

The CSS property to change the background color of an element to Hex 69421D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#69421D }
```

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

```
.background{ background-color:#69421D }
```

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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