

# Converting Colors

Hex(69302B)

Have a look what the booklet for  
Hex(69302B) contains.

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**Color**

**Hex(69302B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	69302B
RGB	105, 48, 43
RGB Percent	41%, 19%, 17%
CMY	0.5882, 0.8118, 0.8314
CMYK	0.00, 0.54, 0.59, 0.59
HSL	5°, 42%, 29%
HSV	5°, 59%, 41%
XYZ	7.3187, 5.2916, 2.9211
YIQ	64.4730, 35.5770, 10.5290

# Conversions

## Conversions Part 2

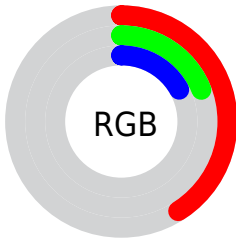
Format	Color
R <sub>Y</sub> B	105, 48, 43
Decimal	6893611
CIE Lab	27.55, 25.00, 15.21
CIE LCh	28, 29.267, 31.320
Yxy	5.2916, 0.4712, 0.3407
Android (android.graphics.Color)	4285083691 (0xFF69302B)
YUV	64.4730, -10.5862, 35.5422
Hunter-Lab	23.0034, 16.5349, 8.5733

# Details

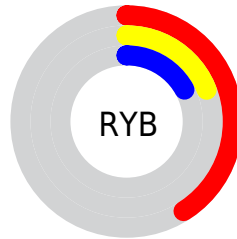
The Hex color **69302B** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **2B6469**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **9F6058**, and **360300** is the 20% darker color. If you saturate the color by 10%, you get **692621**, and if you desaturate by 10%, it is **693A36**.

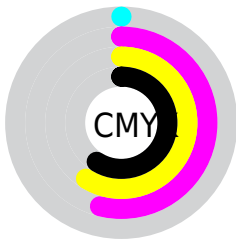
# Distribution



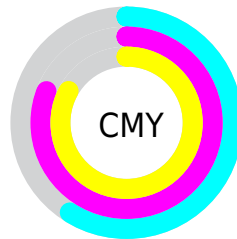
- Red (41%)
- Green (19%)
- Blue (17%)



- Red (41%)
- Yellow (19%)
- Blue (17%)



- Cyan (0%)
- Magenta (54%)
- Yellow (59%)
- Black (59%)



- Cyan (59%)
- Magenta (81%)
- Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 69302B 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 69302B by changing the saturation by 10% instead.



 69302B

 69302B

FFFFFF

 4F1916

 9F6058

 360300

 BB7971

 1C0001

 D8938A

 000000

 F5AEA5

 FFCAC0

 FFE6DC

 FFFFF8

 69302B

 69302B

■ 692621

■ 693A36

■ 691D16

■ 694340

■ 69130C

■ 694D4B

■ 690901

■ 695755

■ 690800

■ 696060

■ 696A6A

■ 697475

■ 697D7F

■ 69878A

# Harmonies

## Analogous

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



692D41



69302B



5E381A

# Triad

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



69302B



164A2B



13436E

# Complementary

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



69302B



2B6469

# 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.



004968



69302B



004C41

# Square

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



69302B



364719



004C58



433B67

# Rectangle

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



69302B



533E13



004C58



00456D



# Sweetspot

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



69302B



8A7371



692B65



453736



C4C4C4



454545



# Same Dimension

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



69302B



8A3028



694E2B



363130



750900



F51400



# Inverse Universe

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



2B6469



28828A



2B4669



303536



006C75



00E1F5



# Previews

## White Background



This preview shows how the Hex color 69302B looks on a white background.

## Color Contrast Check

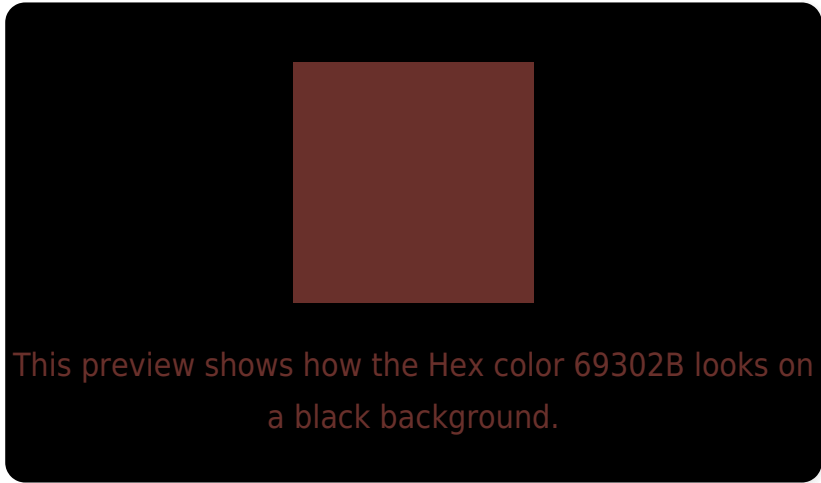
Large Text (above 18pt) WCAG AA ✓ Pass

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 69302B Background



This preview shows how black text looks on a background with the Hex color 69302B.

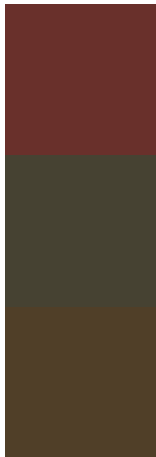


This preview shows how white text looks on a background with the Hex color 69302B.

# 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**  
69302B

**Protanopia**  
464232

**Deuteranopia**  
503F28



**Tritanopia**  
692F32

# Trichromacy



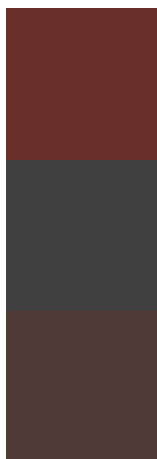
**Original Color**  
69302B

**Protanomaly**  
533B2F

**Deuteranomaly**  
593A29

**Tritanomaly**  
692F2F

# Monochromacy



**Original Color**  
69302B

**Achromatopsia**  
404040

**Achromatomaly**  
4F3A38

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 69302B 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 #69302B looks like.

```
.text, #text, p{  
    color:#69302B  
}
```

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 #69302B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #69302B
}
```

## Border

The CSS property to change the border of an element to Hex 69302B is called "border". The border property can be set on classes, ids or directly on the HTML element.

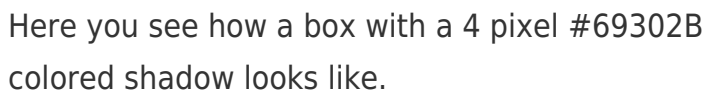
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#69302B }
```

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

```
.border{ border-color:#69302B }
```

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



Here you see how a box with a 4 pixel #69302B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #69302B; -webkit-box-shadow:4px 4px  
4px 4px #69302B; box-shadow:4px 4px 4px  
4px #69302B }
```

# Background

The CSS property to change the background color of an element to Hex 69302B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#69302B }
```

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

```
.background{ background-color:#69302B }
```

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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