

# Converting Colors

Hex(69313A)

Have a look what the booklet for  
Hex(69313A) contains.

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**Color**

**Hex(69313A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	69313A
RGB	105, 49, 58
RGB Percent	41%, 19%, 23%
CMY	0.5882, 0.8078, 0.7725
CMYK	0.00, 0.53, 0.45, 0.59
HSL	350°, 36%, 30%
HSV	350°, 53%, 41%
XYZ	7.6877, 5.5054, 4.6604
YIQ	66.7700, 30.4870, 14.6710

# Conversions

## Conversions Part 2

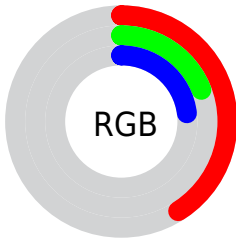
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">105, 49, 58</a>
Decimal	<a href="#">6893882</a>
CIELab	<a href="#">28.13, 26.02, 6.12</a>
CIELCh	<a href="#">28, 26.735, 13.241</a>
Yxy	<a href="#">5.5054, 0.4306, 0.3084</a>
Android (android.graphics.Color)	<a href="#">4285083962 (0xFF69313A)</a>
YUV	<a href="#">66.7700, -4.3236, 33.5277</a>
Hunter-Lab	<a href="#">23.4635, 17.4236, 4.6480</a>

# Details

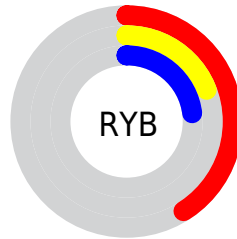
The Hex color **69313A** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **316960**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **9F6169**, and **37030F** is the 20% darker color. If you saturate the color by 10%, you get **692731**, and if you desaturate by 10%, it is **693B43**.

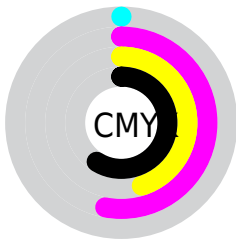
# Distribution



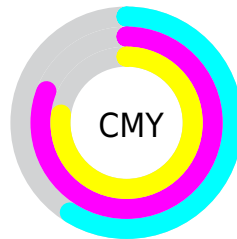
- Red (41%)
- Green (19%)
- Blue (23%)



- Red (41%)
- Yellow (19%)
- Blue (23%)



- Cyan (0%)
- Magenta (53%)
- Yellow (45%)
- Black (59%)



- Cyan (59%)
- Magenta (81%)
- Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 69313A 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 69313A by changing the saturation by 10% instead.



69313A

69313A

FFFFFF

4F1A25

9F6169

37030F

BA7A82

200001

D7949C

000000

F4AFB7

FFCBD3

FFE7EF

69313A

69313A

692731

693B43

■ 691C28

■ 69464C

■ 691120

■ 695054

■ 690717

■ 695B5D

■ 690011

■ 696666

■ 69706F

■ 697A78

■ 698581

■ 699089

# Harmonies

## Analogous

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



62334F



69313A



653627

# Triad

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



69313A



2F4923



004869

# Complementary

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



69313A



316960

# 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.



004C5E



69313A



0C4C36

# Square

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



69313A



464419



004D4B



30416A

# Rectangle

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



69313A



5D3B1E



004D4B



004967



# Sweetspot

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



69313A



8A7477



603169



45383A



C4C4C4



454545



# Same Dimension

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



69313A



8A3240



694431



363031



750013



F50027



# Inverse Universe

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



69313A



8A3240



315669



363031



750013

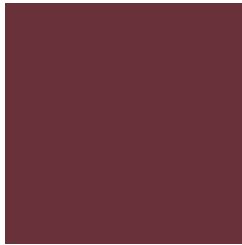


F50027



# Previews

## White Background



This preview shows how the Hex color 69313A 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

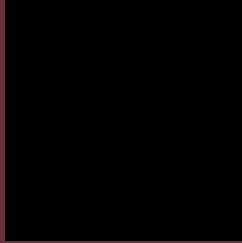
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 69313A Background



This preview shows how black text looks on a background with the Hex color 69313A.



This preview shows how white text looks on a background with the Hex color 69313A.

# 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**  
69313A

**Protanopia**  
444343

**Deuteranopia**  
4E4037



**Tritanopia**  
693235

# Trichromacy



**Original Color**  
69313A

**Protanomaly**  
513C40

**Deuteranomaly**  
583B38

**Tritanomaly**  
693237

# Monochromacy



**Original Color**  
69313A

**Achromatopsia**  
434343

**Achromatomaly**  
513C40

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 69313A 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 #69313A looks like.

```
.text, #text, p{  
    color:#69313A  
}
```

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 #69313A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #69313A
}
```

## Border

The CSS property to change the border of an element to Hex 69313A 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".

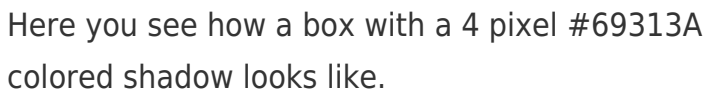
```
.border, #border, table{ border:4px solid
#69313A }
```

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

```
.border{ border-color:#69313A }
```

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

Here you see how a box with a 4 pixel #69313A colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The shadow is cast to the right and bottom of the box, creating a 3D effect. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #69313A colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #69313A; -webkit-box-shadow:4px 4px  
4px 4px #69313A; box-shadow:4px 4px 4px  
4px #69313A }
```

# Background

The CSS property to change the background color of an element to Hex 69313A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#69313A }
```

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

```
.background{ background-color:#69313A }
```

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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