

# Converting Colors

Hex(713239)

Have a look what the booklet for  
Hex(713239) contains.

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**Color**

**Hex(713239)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	713239
RGB	113, 50, 57
RGB Percent	44%, 20%, 22%
CMY	0.5569, 0.8039, 0.7765
CMYK	0.00, 0.56, 0.50, 0.56
HSL	353°, 39%, 32%
HSV	353°, 56%, 44%
XYZ	8.6892, 6.0873, 4.5879
YIQ	69.6350, 35.3010, 15.5330

# Conversions

## Conversions Part 2

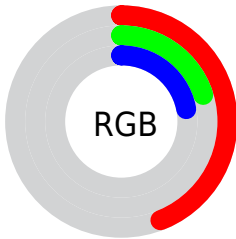
Format	Color
<a href="#">RYB</a>	<a href="#">113, 50, 57</a>
Decimal	<a href="#">7418425</a>
CIELab	<a href="#">29.63, 28.55, 9.08</a>
CIElCh	<a href="#">30, 29.963, 17.640</a>
Yxy	<a href="#">6.0873, 0.4487, 0.3144</a>
Android (android.graphics.Color)	<a href="#">4285608505 (0xFF713239)</a>
YUV	<a href="#">69.6350, -6.2291, 38.0311</a>
Hunter-Lab	<a href="#">24.6725, 19.6873, 6.2457</a>

# Details

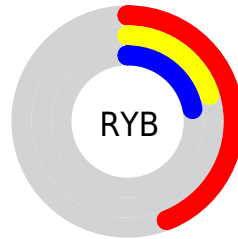
The Hex color **713239** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **32716A**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **A86368**, and **3D020E** is the 20% darker color. If you saturate the color by 10%, you get **71272F**, and if you desaturate by 10%, it is **713D43**.

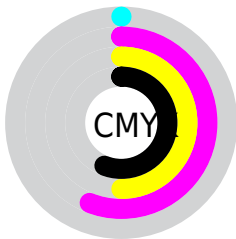
# Distribution



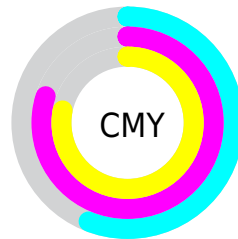
- Red (44%)
- Green (20%)
- Blue (22%)



- Red (44%)
- Yellow (20%)
- Blue (22%)



- Cyan (0%)
- Magenta (56%)
- Yellow (50%)
- Black (56%)




- Cyan (56%)
- Magenta (80%)
- Yellow (78%)


# Brightness & Saturation Gradients

These gradients show how the Hex color 713239 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 713239 by changing the saturation by 10% instead.



 713239

 713239

FFFFFF

 571B24

 A86368

 3D020E

 C47C81

 280001


 E1969B


 000000


 FEB1B6


 FFCDD1


 FFEAEE

 713239


 713239


 71272F

 713D43


 711B25

 71494D


 71101B


 715457

 710511


 715F61

 71000D

 716B6B

 717675

 71817F

 718C89

 719893

# Harmonies

## Analogous

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



6C3350



713239



6A3824

# Triad

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



713239



2B4E25



004B73

# Complementary

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



713239



32716A

# 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.



005068



713239



00513B

# Square

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



713239



464917



005153



364472

# Rectangle

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



713239



613E1A



005153



004D70



# Sweetspot

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



713239



947B7E



6A3271



4A3B3D



C9C9C9



4A4A4A



# Same Dimension

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



713239



94313C



714A32



383233



78000D



F7001B



# Inverse Universe

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



713239



94313C



325971



383233



78000D

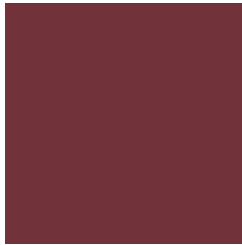


F7001B



# Previews

## White Background



This preview shows how the Hex color 713239 looks on a white background.

## Color Contrast Check

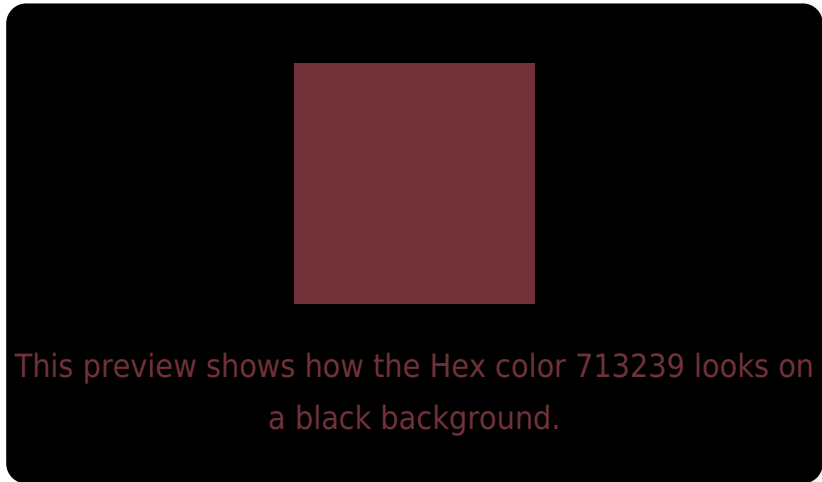
Large Text (above 18pt) WCAG AA ✓ Pass

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

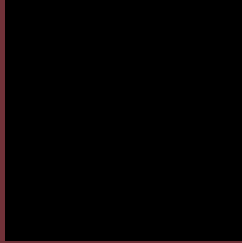
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 713239 Background



This preview shows how black text looks on a background with the Hex color 713239.



This preview shows how white text looks on a background with the Hex color 713239.

# 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**


713239

**Protanopia**

494643

**Deuteranopia**

534436



**Tritanopia**  
713336

# Trichromacy



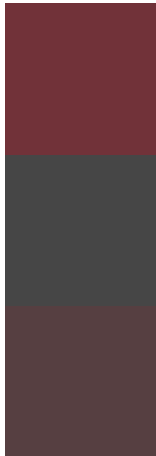
**Original Color**  
713239

**Protanomaly**  
583F3F

**Deuteranomaly**  
5E3D37

**Tritanomaly**  
713337

# Monochromacy



**Original Color**  
713239

**Achromatopsia**  
464646

**Achromatomaly**  
563F41

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 713239 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 #713239 looks like.

```
.text, #text, p{  
    color:#713239  
}
```

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 #713239 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #713239
}
```

## Border

The CSS property to change the border of an element to Hex 713239 is called "border". The border property can be set on classes, ids or directly on the HTML element.

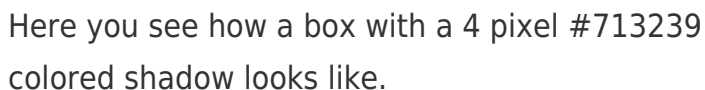
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#713239 }
```

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

```
.border{ border-color:#713239 }
```

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



Here you see how a box with a 4 pixel #713239 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #713239; -webkit-box-shadow:4px 4px  
4px 4px #713239; box-shadow:4px 4px 4px  
4px #713239 }
```

# Background

The CSS property to change the background color of an element to Hex 713239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#713239 }
```

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

```
.background{ background-color:#713239 }
```

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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