

# Converting Colors

Hex(713436)

Have a look what the booklet for  
Hex(713436) contains.

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**Color**

**Hex(713436)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	713436
RGB	113, 52, 54
RGB Percent	44%, 20%, 21%
CMY	0.5569, 0.7961, 0.7882
CMYK	0.00, 0.54, 0.52, 0.56
HSL	358°, 37%, 32%
HSV	358°, 54%, 44%
XYZ	8.7039, 6.2330, 4.2344
YIQ	70.4670, 35.7140, 13.5540

# Conversions

## Conversions Part 2

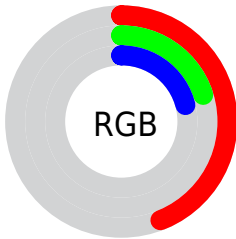
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	113, 52, 54
Decimal	7418934
CIE <sub>Lab</sub>	29.99, 27.12, 11.54
CIE <sub>LCh</sub>	30, 29.476, 23.044
Yxy	6.2330, 0.4540, 0.3251
Android (android.graphics.Color)	4285609014 (0xFF713436)
YUV	70.4670, -8.1182, 37.3014
Hunter-Lab	24.9660, 18.5398, 7.4203

# Details

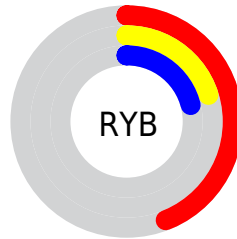
The Hex color **713436** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **34716F**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **A86465**, and **3D050A** is the 20% darker color. If you saturate the color by 10%, you get **71292B**, and if you desaturate by 10%, it is **713F41**.

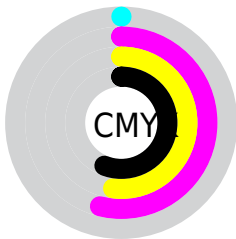
# Distribution



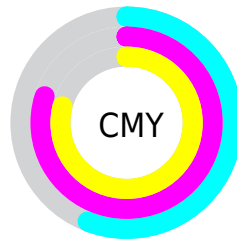
- Red (44%)
- Green (20%)
- Blue (21%)



- Red (44%)
- Yellow (20%)
- Blue (21%)



- Cyan (0%)
- Magenta (54%)
- Yellow (52%)
- Black (56%)




- Cyan (56%)
- Magenta (80%)
- Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 713436 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 713436 by changing the saturation by 10% instead.



 713436

 713436

FFFFFF

 571D21

 A86465

 3D050A

 C47E7E

 280001


 E19897


 000000


 FEB3B2

 FFCFCE

 FFEBEA

 713436


 713436

 71292B

 713F41


 711D20

 714B4C


 711215


 715657

 71070A

 716162


 710004

 716D6D

 717878

 718383

 718E8D

 719A98

# Harmonies

## Analogous

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



6E334D



713436



693B23

# Triad

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



713436



264F2A



004B74

# Complementary

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



713436



34716F

# 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.



00506B



713436



005240

# Square

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



713436



424B1A



005258



3F4371

# Rectangle

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



713436



5F411A



005258



004D72



# Sweetspot

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



713436



947C7D



6F3471



4A3C3C



C9C9C9



4A4A4A



# Same Dimension

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



713436



943437



715034



383233



780004



F70008



# Inverse Universe

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



713436



943437



345571



383233



780004

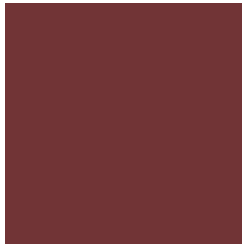


F70008



# Previews

## White Background



This preview shows how the Hex color 713436 looks on a white background.

## Color Contrast Check

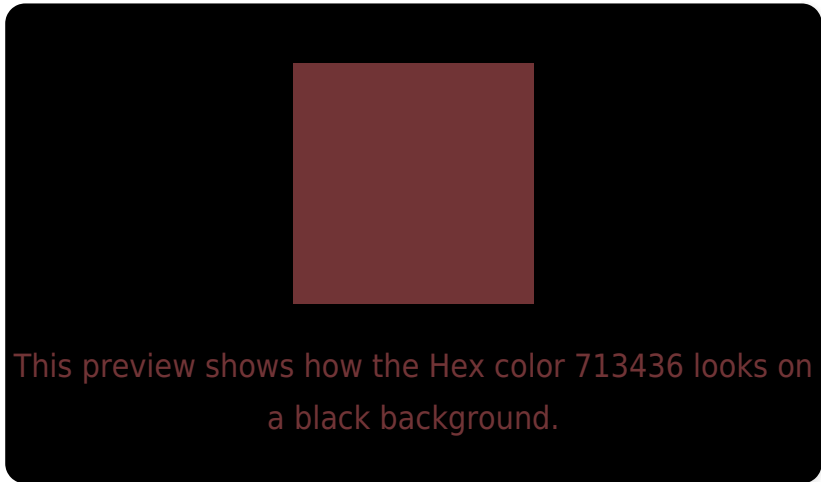
Large Text (above 18pt) WCAG AA ✓ Pass

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

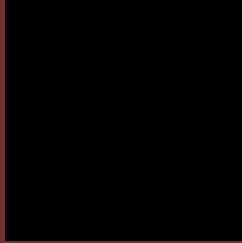
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 713436 Background



This preview shows how black text looks on a background with the Hex color 713436.

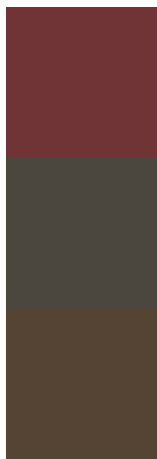


This preview shows how white text looks on a background with the Hex color 713436.

# 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**


713436

**Protanopia**

4B473F

**Deuteranopia**

554433



**Tritanopia**  
713437

# Trichromacy



**Original Color**  
713436

**Protanomaly**  
59403C

**Deuteranomaly**  
5F3E34

**Tritanomaly**  
713437

# Monochromacy



**Original Color**  
713436

**Achromatopsia**  
464646

**Achromatomaly**  
563F40

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 713436 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 #713436 looks like.

```
.text, #text, p{  
    color:#713436  
}
```

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 #713436 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #713436
}
```

## Border

The CSS property to change the border of an element to Hex 713436 is called "border". The border property can be set on classes, ids or directly on the HTML element.

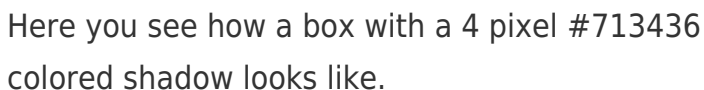
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#713436 }
```

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

```
.border{ border-color:#713436 }
```

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



Here you see how a box with a 4 pixel #713436 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #713436; -webkit-box-shadow:4px 4px  
4px 4px #713436; box-shadow:4px 4px 4px  
4px #713436 }
```

# Background

The CSS property to change the background color of an element to Hex 713436 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#713436 }
```

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

```
.background{ background-color:#713436 }
```

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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