

# Converting Colors

Hex(71363A)

Have a look what the booklet for  
Hex(71363A) contains.

<b>Hex(71363A)</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(71363A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	71363A
RGB	113, 54, 58
RGB Percent	44%, 21%, 23%
CMY	0.5569, 0.7882, 0.7725
CMYK	0.00, 0.52, 0.49, 0.56
HSL	356°, 35%, 33%
HSV	356°, 52%, 44%
XYZ	8.8929, 6.4545, 4.7801
YIQ	72.0970, 33.8800, 13.7520

# Conversions

## Conversions Part 2

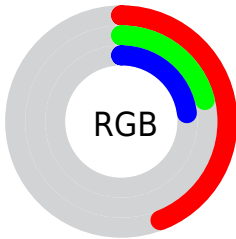
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	113, 54, 58
Decimal	7419450
CIE <sub>Lab</sub>	30.53, 26.42, 9.67
CIE <sub>LCh</sub>	31, 28.138, 20.106
Yxy	6.4545, 0.4418, 0.3207
Android (android.graphics.Color)	4285609530 (0xFF71363A)
YUV	72.0970, -6.9498, 35.8719
Hunter-Lab	25.4058, 18.0214, 6.6286

# Details

The Hex color **71363A** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **36716D**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **A76669**, and **3D0710** is the 20% darker color. If you saturate the color by 10%, you get **712B2F**, and if you desaturate by 10%, it is **714145**.

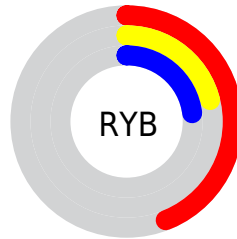
# Distribution



Red (44%)

Green (21%)

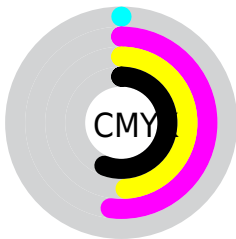
Blue (23%)



Red (44%)

Yellow (21%)

Blue (23%)

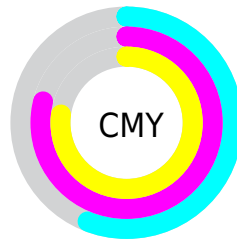


Cyan (0%)

Magenta (52%)

Yellow (49%)

Black (56%)



Cyan (56%)

Magenta (79%)

Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 71363A 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 71363A by changing the saturation by 10% instead.



 71363A

 71363A

FFFFFF

 571F24

 A76669

 3D0710

 C48082

 290001

 E09A9C


 000000


 FEB5B7

 FFD1D3

 FFEEEE

 71363A

 71363A

 712B2F

 714145

711F25

714D4F

71141A

71585A

710910

716364

710008

716E6F

717A79

718584

71908E

719C99

# Harmonies

## Analogous

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



6D3650



71363A



6A3C27

# Triad

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



71363A



2D502B



014C73

# Complementary

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



71363A



36716D

# 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.



005169



71363A



005340

# Square

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



71363A



464B1D



005356



3E4571

# Rectangle

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



71363A



61411E



005356



004E71



# Sweetspot

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



71363A



947C7E



6C3671



4A3C3D



C9C9C9



4A4A4A



# Same Dimension

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



71363A



94373D



714F36



383233



780008



F70011



# Inverse Universe

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



71363A



94373D



365871



383233



780008

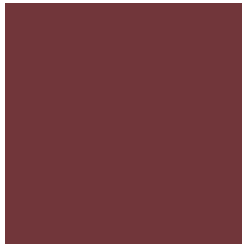


F70011



# Previews

## White Background



This preview shows how the Hex color 71363A looks on a white background.

## Color Contrast Check

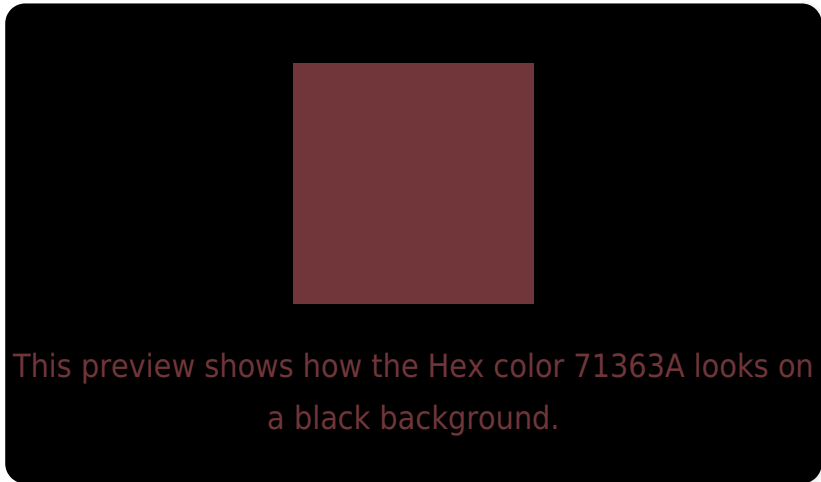
Large Text (above 18pt) WCAG AA ✓ Pass

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

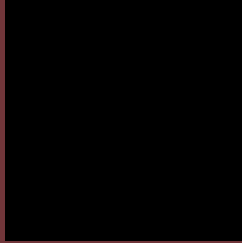
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 71363A Background



This preview shows how black text looks on a background with the Hex color 71363A.



This preview shows how white text looks on a background with the Hex color 71363A.

# 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**  
71363A

**Protanopia**  
4B4843

**Deuteranopia**  
554637



**Tritanopia**  
71363A

# Trichromacy



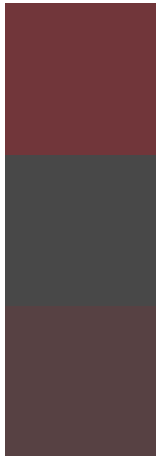
**Original Color**  
71363A

**Protanomaly**  
594140

**Deuteranomaly**  
5F4038

**Tritanomaly**  
71363A

# Monochromacy



**Original Color**  
71363A

**Achromatopsia**  
484848

**Achromatomaly**  
574143

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 71363A 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 #71363A looks like.

```
.text, #text, p{  
    color:#71363A  
}
```

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 #71363A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #71363A
}
```

## Border

The CSS property to change the border of an element to Hex 71363A is called "border". The border property can be set on classes, ids or directly on the HTML element.

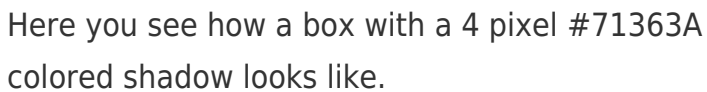
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#71363A }
```

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

```
.border{ border-color:#71363A }
```

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



Here you see how a box with a 4 pixel #71363A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #71363A; -webkit-box-shadow:4px 4px  
4px 4px #71363A; box-shadow:4px 4px 4px  
4px #71363A }
```

# Background

The CSS property to change the background color of an element to Hex 71363A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#71363A }
```

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

```
.background{ background-color:#71363A }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor