

# Converting Colors

Hex(734B36)

Have a look what the booklet for  
Hex(734B36) contains.

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**Color**

**Hex(734B36)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	734B36
RGB	115, 75, 54
RGB Percent	45%, 29%, 21%
CMY	0.5490, 0.7059, 0.7882
CMYK	0.00, 0.35, 0.53, 0.55
HSL	21°, 36%, 33%
HSV	21°, 53%, 45%
XYZ	10.2522, 8.9433, 4.6759
YIQ	84.5660, 30.5810, 1.9490

# Conversions

## Conversions Part 2

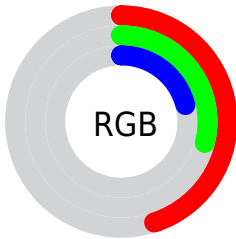
<b>Format</b>	<b>Color</b>
<b>RYB</b>	115, 86, 54
Decimal	7555894
CIELab	35.87, 14.41, 19.40
CIELCh	36, 24.169, 53.396
Yxy	8.9433, 0.4295, 0.3746
Android (android.graphics.Color)	4285745974 (0xFF734B36)
YUV	84.5660, -15.0690, 26.6906
Hunter-Lab	29.9054, 8.8589, 11.6634

# Details

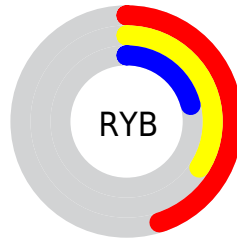
The Hex color **734B36** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **365E73**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **A97C65**, and **401F0A** is the 20% darker color. If you saturate the color by 10%, you get **73432B**, and if you desaturate by 10%, it is **735342**.

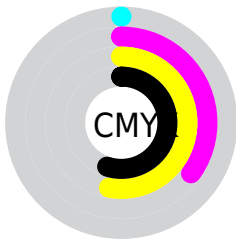
# Distribution



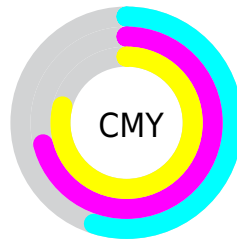
- Red (45%)
- Green (29%)
- Blue (21%)



- Red (45%)
- Yellow (34%)
- Blue (21%)



- Cyan (0%)
- Magenta (35%)
- Yellow (53%)
- Black (55%)



- Cyan (55%)
- Magenta (71%)
- Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 734B36 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 734B36 by changing the saturation by 10% instead.



 734B36

 734B36

FFFFFF

 593420

 A97C65

 401F0A

 C5967E

 280900

 E2B198

 000000

 FFCCB3

 FFE8CE

 FFFFEB

 734B36

 734B36

 73432B

 735342

■ 733C1F

■ 735A4D

■ 733414

■ 736259

■ 732D08

■ 736964

■ 732800

■ 737170

■ 73787B

■ 738087

■ 738792

■ 738F9D

# Harmonies

## Analogous

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



7A4646



734B36



65522E

# Triad

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



734B36



205E4F



505178

# Complementary

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



734B36



365E73

# 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.



2F587B



734B36



005E63

# Square

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



734B36



3B5C3D



025C73



694A6C

# Rectangle

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



734B36



58562E



025C73



46537A



# Sweetspot

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



734B36



96877E



73365F



4D433E



CCCCCC



4D4D4D



# Same Dimension

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



734B36



965736



736936



3B3735



7A2A00



FA5600



# Inverse Universe

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



365E73



367596



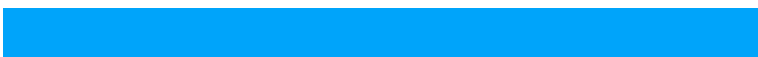
364073



35393B



00507A



00A4FA



# Previews

## White Background



This preview shows how the Hex color 734B36 looks on a white background.

## Color Contrast Check

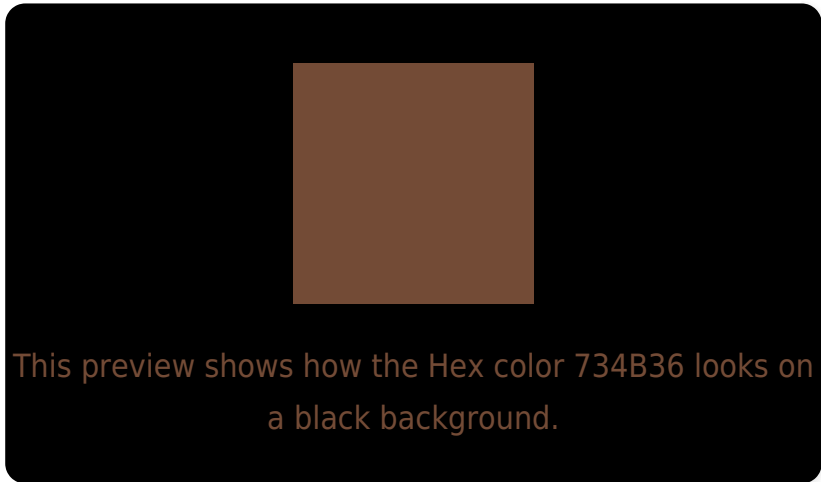
Large Text (above 18pt) WCAG AA ✓ Pass

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

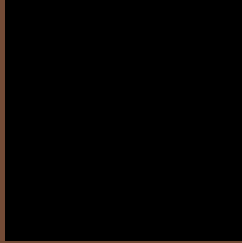
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 734B36 Background



This preview shows how black text looks on a background with the Hex color 734B36.

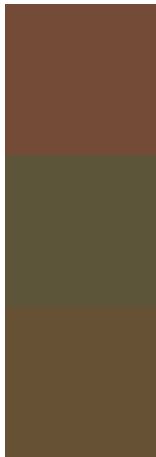


This preview shows how white text looks on a background with the Hex color 734B36.

# 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**  
734B36

**Protanopia**  
5C553A

**Deuteranopia**  
665135



**Tritanopia**  
75484D

# Trichromacy



**Original Color**  
734B36

**Protanomaly**  
645139

**Deuteranomaly**  
6B4F35

**Tritanomaly**  
744945

# Monochromacy



**Original Color**  
734B36

**Achromatopsia**  
555555

**Achromatomaly**  
60514A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 734B36 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 #734B36 looks like.

```
.text, #text, p{  
    color:#734B36  
}
```

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 #734B36 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #734B36
}
```

## Border

The CSS property to change the border of an element to Hex 734B36 is called "border". The border property can be set on classes, ids or directly on the HTML element.

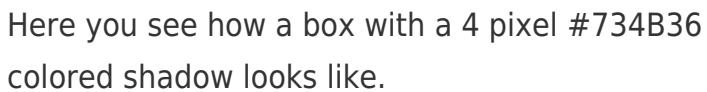
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#734B36 }
```

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

```
.border{ border-color:#734B36 }
```

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



Here you see how a box with a 4 pixel #734B36 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #734B36; -webkit-box-shadow:4px 4px  
4px 4px #734B36; box-shadow:4px 4px 4px  
4px #734B36 }
```

# Background

The CSS property to change the background color of an element to Hex 734B36 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#734B36 }
```

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

```
.background{ background-color:#734B36 }
```

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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