

Converting Colors

Hex(751D46)

Have a look what the booklet for
Hex(751D46) contains.

Hex(751D46)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(751D46)

Conversions

Conversions Part 1

Format	Color
Hex	751D46
RGB	117, 29, 70
RGB Percent	46%, 11%, 27%
CMY	0.5412, 0.8863, 0.7255
CMYK	0.00, 0.75, 0.40, 0.54
HSL	332°, 60%, 29%
HSV	332°, 75%, 46%
XYZ	8.8810, 5.1028, 6.3112
YIQ	59.9860, 39.2870, 31.4070

Conversions

Conversions Part 2

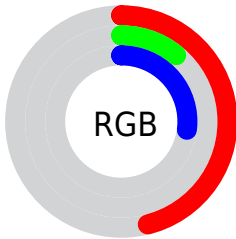
Format	Color
R_{YB}	117, 29, 70
Decimal	7675206
CIE _{Lab}	27.03, 41.43, -3.22
CIE _{LCh}	27, 41.557, 355.558
Yxy	5.1028, 0.4376, 0.2514
Android (android.graphics.Color)	4285865286 (0xFF751D46)
YUV	59.9860, 4.9369, 50.0013
Hunter-Lab	22.5895, 30.6452, -0.7523

Details

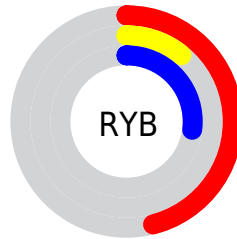
The Hex color **751D46** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **1D754C**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **AC5176**, and **40001B** is the 20% darker color. If you saturate the color by 10%, you get **751140**, and if you desaturate by 10%, it is **75294C**.

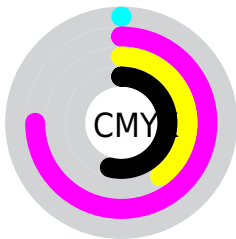
Distribution



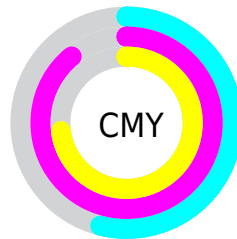
- Red (46%)
- Green (11%)
- Blue (27%)



- Red (46%)
- Yellow (11%)
- Blue (27%)



- Cyan (0%)
- Magenta (75%)
- Yellow (40%)
- Black (54%)



- Cyan (54%)
- Magenta (89%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 751D46 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 751D46 by changing the saturation by 10% instead.

 751D46

 751D46

FFFFFF

 5A0030

 AC5176

 40001B

 C96B90

 290001

 E685AA

 000000

 FFA1C5

 FFBCE1

 FFD9FE

 FFF6FF

 751D46

 751D46

■ 751140

■ 75294C

■ 75063A

■ 753452

■ 750037

■ 754059

■ 754C5F

■ 755865

■ 75636B

■ 756F72

■ 757B78

■ 75867E

Harmonies

Analogous

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



612A64



751D46



762127

Triad

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



751D46



344600



004C74

Complementary

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



751D46



1D754C

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.



004E5A



751D46



004B19

Square

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



751D46



523D00



004E3A



004580

Rectangle

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



751D46



6F2A13



004E3A



004D6D

Sweetspot

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



751D46



997686



4C1D75



4D3741



CCCCCC



4D4D4D

Same Dimension

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



751D46



990F4F



75201D



3B3538



7A0039



FA0074

Inverse Universe

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



751D46



990F4F



1D7275



3B3538



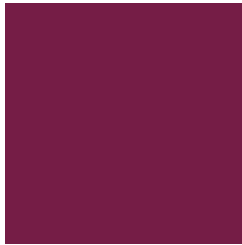
7A0039



FA0074

Previews

White Background



This preview shows how the Hex color 751D46 looks on a white background.

Color Contrast Check

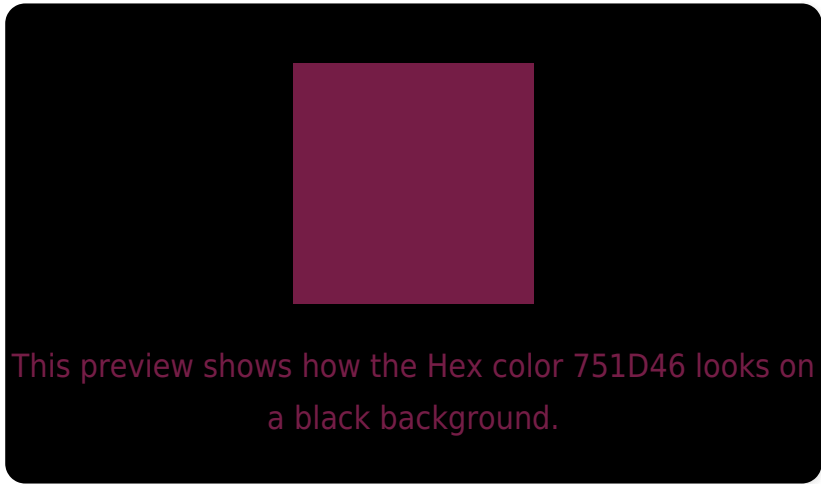
Large Text (above 18pt) WCAG AA ✓ Pass

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 751D46 Background



This preview shows how black text looks on a background with the Hex color 751D46.

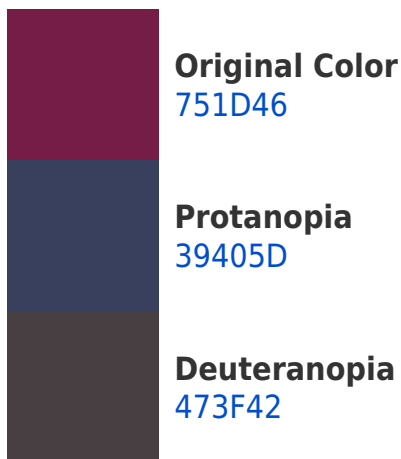


This preview shows how white text looks on a background with the Hex color 751D46.

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



Trichromacy



Original Color
751D46

Protanomaly
4F3355

Deuteranomaly
583343

Tritanomaly
742232

Monochromacy



Original Color
751D46

Achromatopsia
3C3C3C

Achromatomaly
513140

CSS Examples

Text

The CSS property to change the color of the text to Hex 751D46 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 #751D46 looks like.

```
.text, #text, p{  
    color:#751D46  
}
```

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 #751D46 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #751D46
}
```

Border

The CSS property to change the border of an element to Hex 751D46 is called "border". The border property can be set on classes, ids or directly on the HTML element.

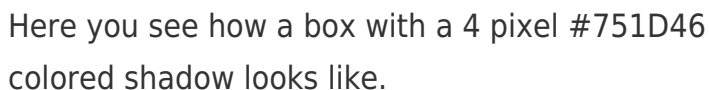
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#751D46 }
```

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

```
.border{ border-color:#751D46 }
```

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



Here you see how a box with a 4 pixel #751D46 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #751D46; -webkit-box-shadow:4px 4px  
4px 4px #751D46; box-shadow:4px 4px 4px  
4px #751D46 }
```

Background

The CSS property to change the background color of an element to Hex 751D46 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#751D46 }
```

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

```
.background{ background-color:#751D46 }
```

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