

Converting Colors

Hex(711B51)

Have a look what the booklet for
Hex(711B51) contains.

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Color

Hex(711B51)

Conversions

Conversions Part 1

Format	Color
Hex	711B51
RGB	113, 27, 81
RGB Percent	44%, 11%, 32%
CMY	0.5569, 0.8941, 0.6824
CMYK	0.00, 0.76, 0.28, 0.56
HSL	322°, 61%, 27%
HSV	322°, 76%, 44%
XYZ	8.6872, 4.8887, 8.2703
YIQ	58.8700, 33.9220, 35.0260

Conversions

Conversions Part 2

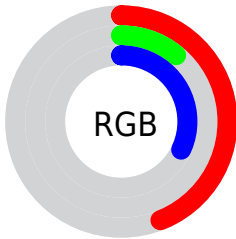
Format	Color
R _Y B	113, 27, 81
Decimal	7412561
CIE Lab	26.42, 42.40, -11.57
CIE LCh	26, 43.952, 344.737
Yxy	4.8887, 0.3977, 0.2238
Android (android.graphics.Color)	4285602641 (0xFF711B51)
YUV	58.8700, 10.9101, 47.4720
Hunter-Lab	22.1103, 31.4400, -6.7001

Details

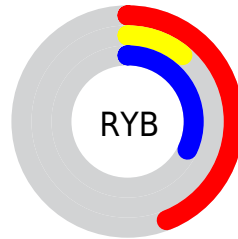
The Hex color **711B51** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **1B713B**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **A85082**, and **3D0024** is the 20% darker color. If you saturate the color by 10%, you get **71104D**, and if you desaturate by 10%, it is **712655**.

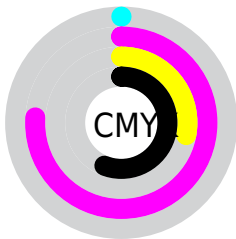
Distribution



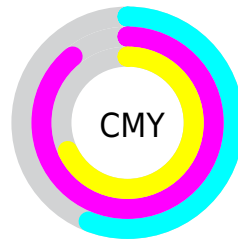
- Red (44%)
- Green (11%)
- Blue (32%)



- Red (44%)
- Yellow (11%)
- Blue (32%)



- Cyan (0%)
- Magenta (76%)
- Yellow (28%)
- Black (56%)





- Cyan (56%)
- Magenta (89%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 711B51 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 711B51 by changing the saturation by 10% instead.

 711B51

 711B51

FFFFFF

 57003A

 A85082

 3D0024

 C4699C

 26000E

 E184B7


 000000


 FE9FD3

 FFBBEF

 FFD7FF

 FFF4FF

 711B51

 711B51

71104D

712655

710449

713259

710047

713D5E

714862

715466

715F6A

716A6E

717573

718177

Harmonies

Analogous

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



542D6F



711B51



791730

Triad

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



711B51



3E4200



004C6D

Complementary

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



711B51



1B713B

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.



004D4F



711B51



124907

Square

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



711B51



5B3700



004C2C



00477F

Rectangle

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



711B51



74211A



004C2C



004D64

Sweetspot

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



711B51



947287



3B1B71



4A3542



C9C9C9



4A4A4A

Same Dimension

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



711B51



940D62



711B26



383236



78004B



F7009B

Inverse Universe

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



711B51



940D62



1B7166



383236



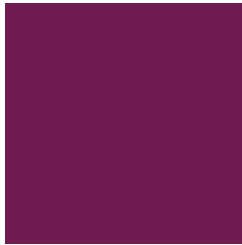
78004B



F7009B

Previews

White Background



This preview shows how the Hex color 711B51 looks on a white background.

Color Contrast Check

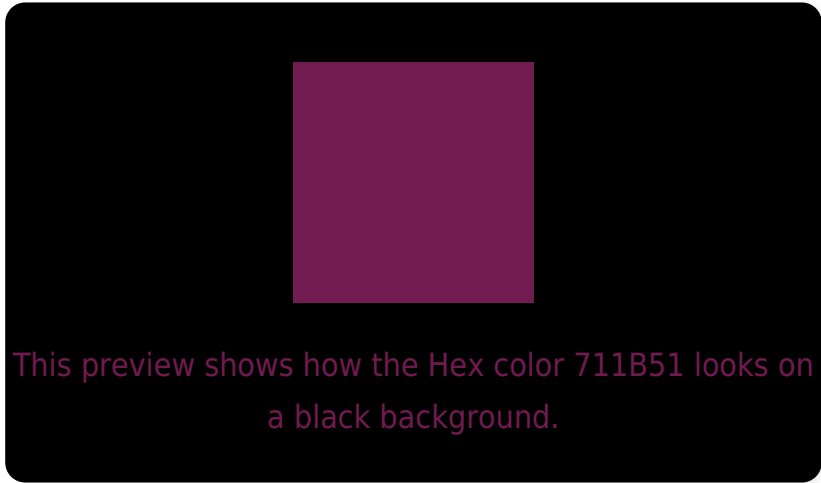
Large Text (above 18pt) WCAG AA ✓ Pass

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

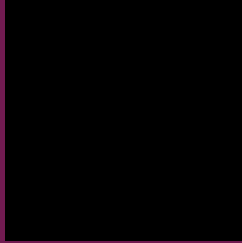
Any Text WCAG AA × Fail

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 711B51 Background



This preview shows how black text looks on a background with the Hex color 711B51.



This preview shows how white text looks on a background with the Hex color 711B51.

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
711B51

Protanopia
2E3F6B

Deuteranopia
403F4C



Tritanopia
6E272A

Trichromacy



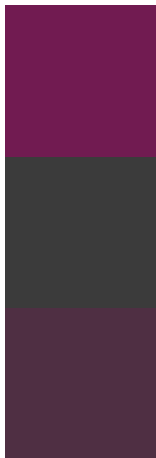
Original Color
711B51

Protanomaly
463262

Deuteranomaly
52324E

Tritanomaly
6F2338

Monochromacy



Original Color
711B51

Achromatopsia
3B3B3B

Achromatomaly
4F2F43

CSS Examples

Text

The CSS property to change the color of the text to Hex 711B51 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 #711B51 looks like.

```
.text, #text, p{  
    color:#711B51  
}
```

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 #711B51 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #711B51
}
```

Border

The CSS property to change the border of an element to Hex 711B51 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".

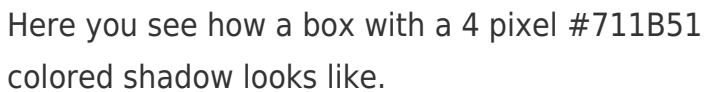
```
.border, #border, table{ border:4px solid
#711B51 }
```

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

```
.border{ border-color:#711B51 }
```

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

Here you see how a box with a 4 pixel #711B51 colored shadow looks like.

A rectangular box with a dark purple border and a dark purple shadow. The box is white with a thin dark purple border. Below the box, there is a thick dark purple horizontal bar. The shadow is a dark purple rectangle that is slightly offset from the bottom and right edges of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #711B51; -webkit-box-shadow:4px 4px  
4px 4px #711B51; box-shadow:4px 4px 4px  
4px #711B51 }
```

Background

The CSS property to change the background color of an element to Hex 711B51 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#711B51 }
```

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

```
.background{ background-color:#711B51 }
```

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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