

Converting Colors

Hex(71831D)

Have a look what the booklet for
Hex(71831D) contains.

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Color

Hex(71831D)

Conversions

Conversions Part 1

Format	Color
Hex	71831D
RGB	113, 131, 29
RGB Percent	44%, 51%, 11%
CMY	0.5569, 0.4863, 0.8863
CMYK	0.14, 0.00, 0.78, 0.49
HSL	71°, 64%, 31%
HSV	71°, 78%, 51%
XYZ	15.1481, 19.8320, 4.1920
YIQ	113.9900, 22.0140, -35.5380

Conversions

Conversions Part 2

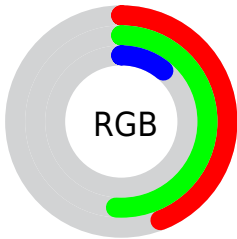
Format	Color
R_{YB}	29, 131, 47
Decimal	7439133
CIE _{Lab}	51.65, -20.49, 49.10
CIE _{LCh}	52, 53.204, 112.655
Yxy	19.8320, 0.3867, 0.5063
Android (android.graphics.Color)	4285629213 (0xFF71831D)
YUV	113.9900, -41.9001, -0.8682
Hunter-Lab	44.5332, -17.2156, 25.5922

Details

The Hex color **71831D** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **2F1D83**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **A7B852**, and **3D5200** is the 20% darker color. If you saturate the color by 10%, you get **6F8310**, and if you desaturate by 10%, it is **73832A**.

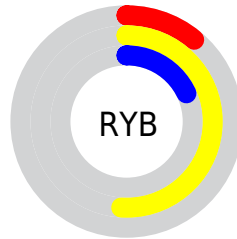
Distribution



Red (44%)

Green (51%)

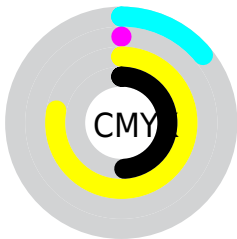
Blue (11%)



Red (11%)

Yellow (51%)

Blue (18%)

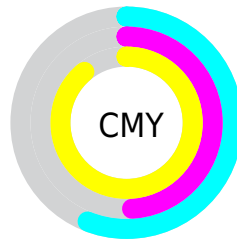


Cyan (14%)

Magenta (0%)

Yellow (78%)

Black (49%)



Cyan (56%)

Magenta (49%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 71831D 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 71831D by changing the saturation by 10% instead.

 71831D

 71831D

FFFFFF

 576A00

 A7B852

 3D5200

 C4D46C

 243B00

 E0F086

 092500

 FEFFA1


 000B00

 FFFFBD

 000000

 FFFFDA

 FFFFF7

 71831D

 71831D

■ 6F8310

■ 73832A

■ 6C8303

■ 768337

■ 6C8300

■ 788344

■ 7A8351

■ 7D835E

■ 7F836C

■ 818379

■ 838386

■ 868393

Harmonies

Analogous

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



9C7516



71831D



358C41

Triad

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



71831D



008DC3



C75188

Complementary

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



71831D



2F1D83

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.



A760B3



71831D



0084D5

Square

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



71831D



00919D



6774CF



CD535B

Rectangle

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



71831D



008F5E



6774CF



C05497

Sweetspot

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



71831D



A4AB84



832E1D



52573E



D6D6D6



575757

Same Dimension

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



71831D



8FAB0C



3F831D



41423C



6B8200



020300

Inverse Universe

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



2F1D83



280CAB



611D83



3D3C42



170082



000003

Previews

White Background



This preview shows how the Hex color 71831D looks on a white background.

Color Contrast Check

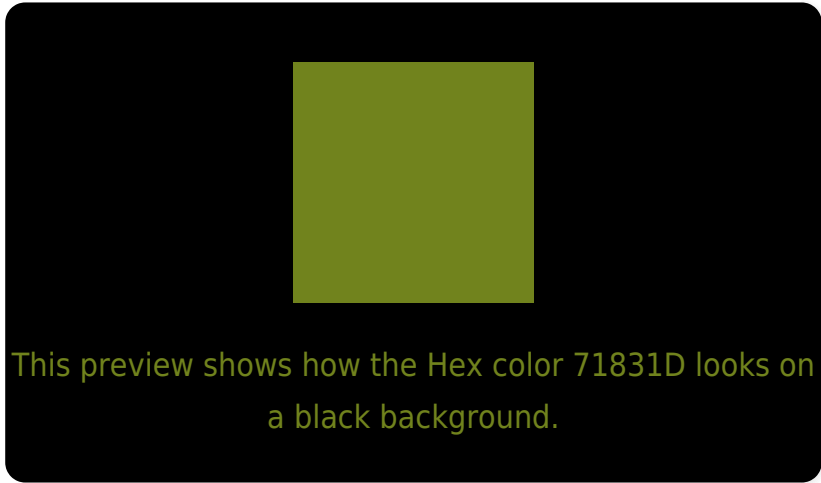
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black 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 × Fail

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

Hex 71831D Background



This preview shows how black text looks on a background with the Hex color 71831D.



This preview shows how white text looks on a background with the Hex color 71831D.

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
71831D

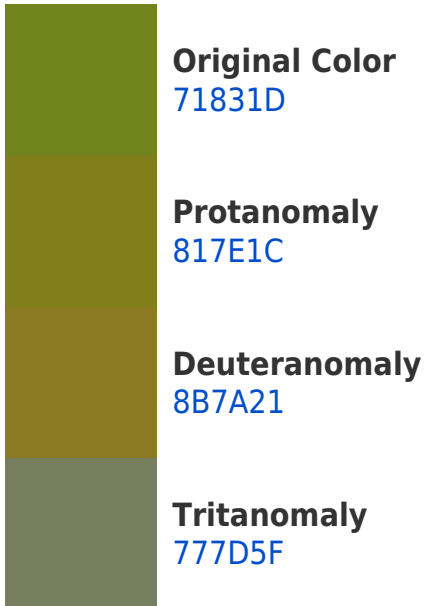
Protanopia
8A7B1B

Deuteranopia
9A7524

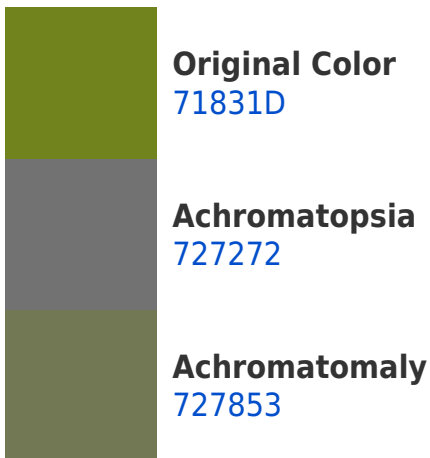


Tritanopia
7B7A84

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 71831D 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 #71831D looks like.

```
.text, #text, p{  
    color:#71831D  
}
```

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 #71831D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #71831D
}
```

Border

The CSS property to change the border of an element to Hex 71831D 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
#71831D }
```

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

```
.border{ border-color:#71831D }
```

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

Here you see how a box with a 4 pixel #71831D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #71831D; -webkit-box-shadow:4px 4px  
4px 4px #71831D; box-shadow:4px 4px 4px  
4px #71831D }
```

Background

The CSS property to change the background color of an element to Hex 71831D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#71831D }
```

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

```
.background{ background-color:#71831D }
```

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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