

Converting Colors

Hex(78331D)

Have a look what the booklet for
Hex(78331D) contains.

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Color

Hex(78331D)

Conversions

Conversions Part 1

Format	Color
Hex	78331D
RGB	120, 51, 29
RGB Percent	47%, 20%, 11%
CMY	0.5294, 0.8000, 0.8863
CMYK	0.00, 0.58, 0.76, 0.53
HSL	15°, 61%, 29%
HSV	15°, 76%, 47%
XYZ	9.1513, 6.4494, 1.9249
YIQ	69.1230, 48.1860, 7.7860

Conversions

Conversions Part 2

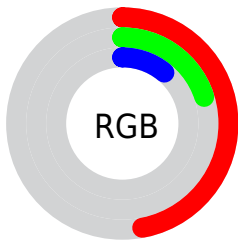
Format	Color
R_{YB}	120, 58, 29
Decimal	7877405
CIE _{Lab}	30.52, 28.65, 28.10
CIE _{LCh}	31, 40.135, 44.446
Yxy	6.4494, 0.5222, 0.3680
Android (android.graphics.Color)	4286067485 (0xFF78331D)
YUV	69.1230, -19.7806, 44.6191
Hunter-Lab	25.3957, 19.8798, 13.2830

Details

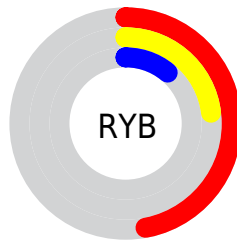
The Hex color **78331D** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **1D6278**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **B1644A**, and **410300** is the 20% darker color. If you saturate the color by 10%, you get **782A11**, and if you desaturate by 10%, it is **783C29**.

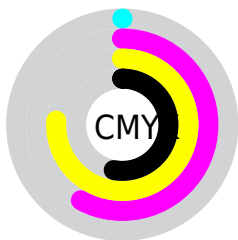
Distribution



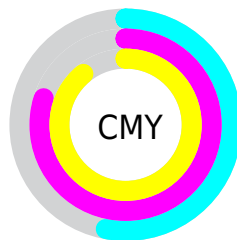
- Red (47%)
- Green (20%)
- Blue (11%)



- Red (47%)
- Yellow (23%)
- Blue (11%)



- Cyan (0%)
- Magenta (58%)
- Yellow (76%)
- Black (53%)



- Cyan (53%)
- Magenta (80%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 78331D 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 78331D by changing the saturation by 10% instead.

 78331D

 78331D

FFFFFF

 5C1C06

 B1644A

 410300

 CE7D62

 2A0001

 EC977B

 000000

 FFB295

 FFCEB0

 FFEBCB

 FFFFE7

 78331D

 78331D

■ 782A11

■ 783C29

■ 782105

■ 784535

■ 781D00

■ 784E41

■ 78574D

■ 786059

■ 786A65

■ 787371

■ 787C7D

■ 788589

Harmonies

Analogous

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



80293A



78331D



644004

Triad

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



78331D



005536



224685

Complementary

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



78331D



1D6278

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.



005084



78331D



005657

Square

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



78331D



245217



005573



5C3975

Rectangle

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



78331D



534800



005573



004A87

Sweetspot

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



78331D



9C8078



781D63



4F3E39



CFCFCF



4F4F4F

Same Dimension

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



78331D



9C300E



78601D



3D3937



7D1E00



FC3D00

Inverse Universe

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



1D6278



0E799C



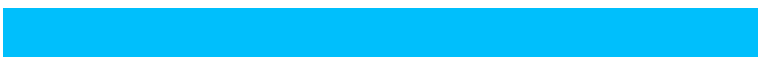
1D3578



373C3D



005F7D



00BFFC

Previews

White Background



This preview shows how the Hex color 78331D looks on a white background.

Color Contrast Check

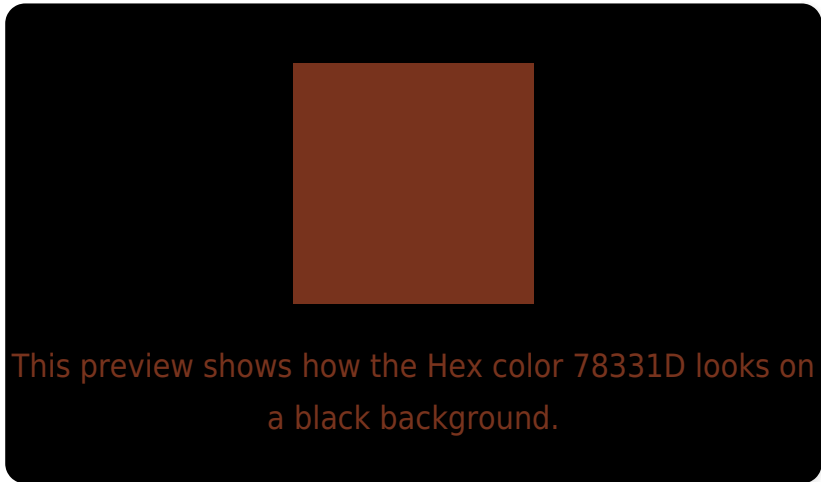
Large Text (above 18pt) WCAG AA ✓ Pass

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 78331D Background



This preview shows how black text looks on a background with the Hex color 78331D.

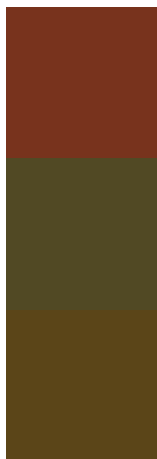


This preview shows how white text looks on a background with the Hex color 78331D.

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
78331D

Protanopia
514924

Deuteranopia
5B4518



Tritanopia
793033

Trichromacy



Original Color
78331D

Protanomaly
5F4121

Deuteranomaly
663E1A

Tritanomaly
79312B

Monochromacy



Original Color
78331D

Achromatopsia
454545

Achromatomaly
583E36

CSS Examples

Text

The CSS property to change the color of the text to Hex 78331D 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 #78331D looks like.

```
.text, #text, p{  
    color:#78331D  
}
```

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 #78331D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #78331D
}
```

Border

The CSS property to change the border of an element to Hex 78331D 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".

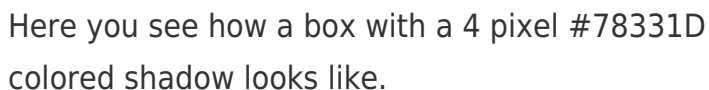
```
.border, #border, table{ border:4px solid
#78331D }
```

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

```
.border{ border-color:#78331D }
```

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

Here you see how a box with a 4 pixel #78331D colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #78331D; -webkit-box-shadow:4px 4px  
4px 4px #78331D; box-shadow:4px 4px 4px  
4px #78331D }
```

Background

The CSS property to change the background color of an element to Hex 78331D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#78331D }
```

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

```
.background{ background-color:#78331D }
```

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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