

Converting Colors

Decimal(7873309)

Have a look what the booklet for
Decimal(7873309) contains.

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Color

Decimal(7873309)

Conversions

Conversions Part 1

Format	Color
Hex	78231D
RGB	120, 35, 29
RGB Percent	47%, 14%, 11%
CMY	0.5294, 0.8627, 0.8863
CMYK	0.00, 0.71, 0.76, 0.53
HSL	4°, 61%, 29%
HSV	4°, 76%, 47%
XYZ	8.5685, 5.2838, 1.7307
YIQ	59.7310, 52.5860, 16.1540

Conversions

Conversions Part 2

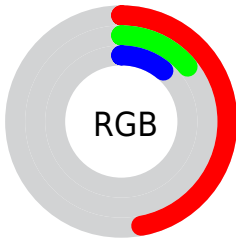
Format	Color
R_{YB}	120, 35, 29
Decimal	7873309
CIE Lab	27.53, 36.57, 24.76
CIE LCh	28, 44.167, 34.102
Yxy	5.2838, 0.5499, 0.3391
Android (android.graphics.Color)	4286063389 (0xFF78231D)
YUV	59.7310, -15.1504, 52.8559
Hunter-Lab	22.9866, 26.3114, 11.6267

Details

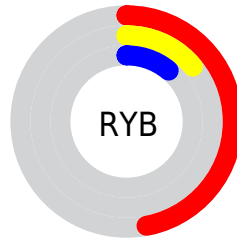
The Decimal color **7873309** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **1929848**, and the grayscale version is **3947580**.

A 20% lighter version of the original color is **11687241**, and **4194304** is the 20% darker color. If you saturate the color by 10%, you get **7870481**, and if you desaturate by 10%, it is **7876137**.

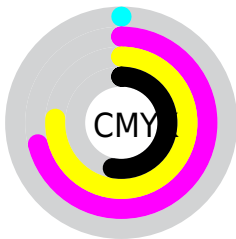
Distribution



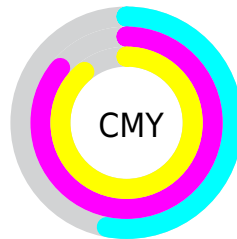
- Red (47%)
- Green (14%)
- Blue (11%)



- Red (47%)
- Yellow (14%)
- Blue (11%)



- Cyan (0%)
- Magenta (71%)
- Yellow (76%)
- Black (53%)



- Cyan (53%)
- Magenta (86%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7873309 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 Decimal color 7873309 by changing the saturation by 10% instead.

 7873309

 7873309

16777215

 6030853

 11687241

 4194304

 13594465

 2555905

 15567226

 0

 16753812

 16761006

 16768202

 16775654

 7873309

 7873309

■ 7870481

■ 7876137

■ 7867653

■ 7878965

■ 7866368

■ 7882049

■ 7884877

■ 7887705

■ 7890533

■ 7893361

■ 7896445

■ 7899273

Harmonies

Analogous

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



8132926



7873309



6763520

Triad

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



7873309



20001



17541

Complementary

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



7873309



1929848

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.



19582



7873309



20549

Square

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



7873309



2640384



20582



4601466

Rectangle

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



7873309



5651712



20582



18309

Sweetspot

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



7873309



10254968



7871859



5192249



13619151



5197647

Same Dimension

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



7873309



10229518



7884573



4011831



8194048



16519424

Inverse Universe

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



1929848



955036



1918584



3620157



30077



60668

Previews

White Background



This preview shows how the Decimal color 7873309 looks on a white background.

Color Contrast Check

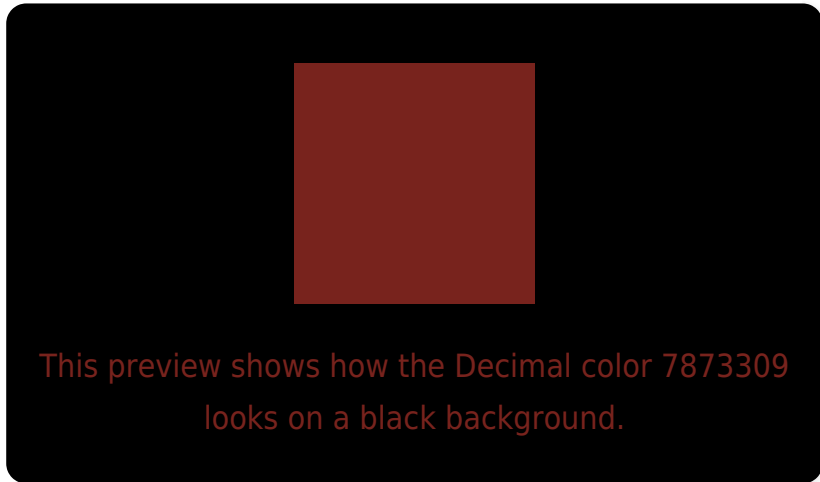
Large Text (above 18pt) WCAG AA ✓ Pass

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](#).

Decimal 7873309 Background



This preview shows how black text looks on a background with the Decimal color 7873309.

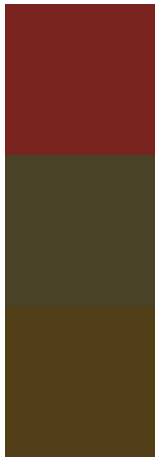


This preview shows how white text looks on a background with the Decimal color 7873309.

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
7873309

Protanopia
4801063

Deuteranopia
5455639

Trichromacy



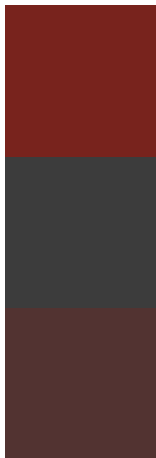
Original Color
7873309

Protanomaly
5912355

Deuteranomaly
6305049

Tritanomaly
7873057

Monochromacy



Original Color
7873309

Achromatopsia
3947580

Achromatomaly
5387057

CSS Examples

Text

The CSS property to change the color of the text to Decimal 7873309 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 #78231D looks like.

```
.text, #text, p{  
    color:#78231D  
}
```

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 #78231D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #78231D
}
```

Border

The CSS property to change the border of an element to Decimal 7873309 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".

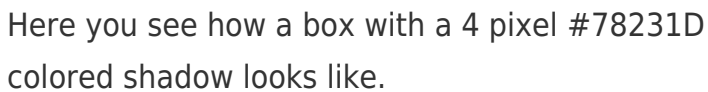
```
.border, #border, table{ border:4px solid
#78231D }
```

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

```
.border{ border-color:#78231D }
```

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

Here you see how a box with a 4 pixel #78231D colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The shadow is cast to the right and bottom of the box, creating a 3D effect. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #78231D colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #78231D; -webkit-box-shadow:4px 4px  
4px 4px #78231D; box-shadow:4px 4px 4px  
4px #78231D }
```

Background

The CSS property to change the background color of an element to Decimal 7873309 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#78231D }
```

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

```
.background{ background-color:#78231D }
```

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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