

Converting Colors

Decimal(7871015)

Have a look what the booklet for
Decimal(7871015) contains.

Decimal(7871015)	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

Decimal(7871015)

Conversions

Conversions Part 1

Format	Color
Hex	781A27
RGB	120, 26, 39
RGB Percent	47%, 10%, 15%
CMY	0.5294, 0.8980, 0.8471
CMYK	0.00, 0.78, 0.67, 0.53
HSL	352°, 64%, 29%
HSV	352°, 78%, 47%
XYZ	8.4813, 4.8783, 2.4141
YIQ	55.5880, 51.8510, 23.9710

Conversions

Conversions Part 2

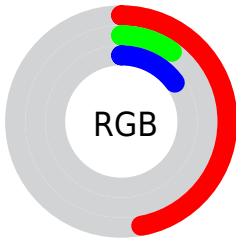
Format	Color
RYB	120, 26, 39
Decimal	7871015
CIELab	26.39, 40.74, 16.89
CIElCh	26, 44.100, 22.523
Yxy	4.8783, 0.5377, 0.3093
Android (android.graphics.Color)	4286061095 (0xFF781A27)
YUV	55.5880, -8.1779, 56.4893
Hunter-Lab	22.0870, 29.8913, 8.9806

Details

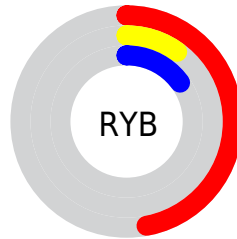
The Decimal color **7871015** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **1734763**, and the grayscale version is **3684408**.

A 20% lighter version of the original color is **11620180**, and **4259840** is the 20% darker color. If you saturate the color by 10%, you get **7867933**, and if you desaturate by 10%, it is **7874097**.

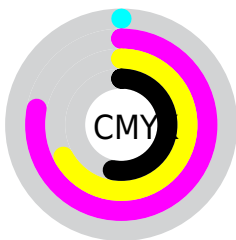
Distribution



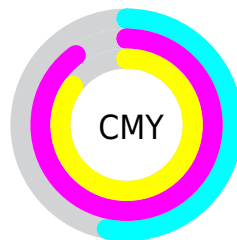
- Red (47%)
- Green (10%)
- Blue (15%)



- Red (47%)
- Yellow (10%)
- Blue (15%)



- Cyan (0%)
- Magenta (78%)
- Yellow (67%)
- Black (53%)



- Cyan (53%)
- Magenta (90%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7871015 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 7871015 by changing the saturation by 10% instead.

■ 7871015

■ 7871015

16777215

■ 6029331

■ 11620180

■ 4259840

■ 13592684

■ 2555905

■ 15565701

■ 0

■ 16752287

■ 16759226

■ 16766678

■ 16774130

■ 7871015

■ 7871015

■ 7867933

■ 7874097

■ 7864850

■ 7877180

■ 7864337

■ 7880262

■ 7883344

■ 7886427

■ 7889509

■ 7892591

■ 7895674

■ 7898756

Harmonies

Analogous

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



7673672



7871015



7023366

Triad

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



7871015



18961



17794

Complementary

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



7871015



1734763

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.



19316



7871015



19765

Square

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



7871015



3490816



19799



2636157

Rectangle

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



7871015



6108416



19799



18559

Sweetspot

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



7871015



10253947



6953592



5191739



13619151



5197647

Same Dimension

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



7871015



10225950



7879450



4011832



8192017



16515107

Inverse Universe

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



7871015



10225950



1726328



4011832



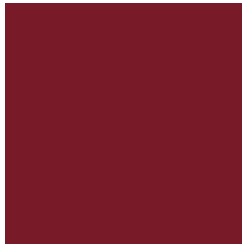
8192017



16515107

Previews

White Background



This preview shows how the Decimal color 7871015 looks on a white background.

Color Contrast Check

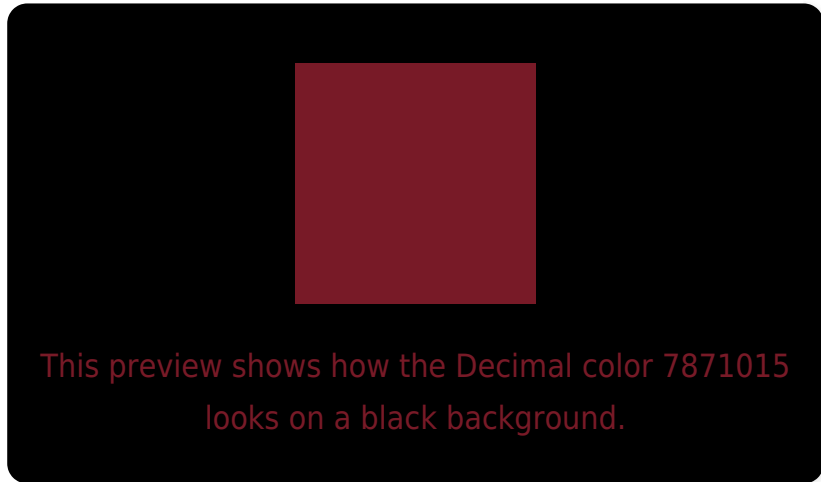
Large Text (above 18pt) WCAG AA ✓ Pass

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

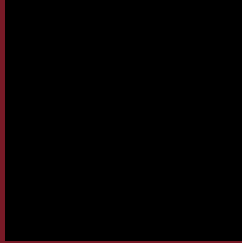
Any Text WCAG AA × Fail

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 7871015 Background



This preview shows how black text looks on a background with the Decimal color 7871015.



This preview shows how white text looks on a background with the Decimal color 7871015.

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
7871015

Protanopia
4472886

Deuteranopia
5192994

Trichromacy



Original Color

7871015

Protanomaly

5714481

Deuteranomaly

6172708

Tritanomaly

7871265

Monochromacy



Original Color

7871015

Achromatopsia

3684408

Achromatomaly

5188914

CSS Examples

Text

The CSS property to change the color of the text to Decimal 7871015 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 #781A27 looks like.

```
.text, #text, p{  
    color:#781A27  
}
```

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 #781A27 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #781A27
}
```

Border

The CSS property to change the border of an element to Decimal 7871015 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
#781A27 }
```

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

```
.border{ border-color:#781A27 }
```

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

Here you see how a box with a 4 pixel #781A27 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #781A27; -webkit-box-shadow:4px 4px  
4px 4px #781A27; box-shadow:4px 4px 4px  
4px #781A27 }
```

Background

The CSS property to change the background color of an element to Decimal 7871015 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#781A27 }
```

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

```
.background{ background-color:#781A27 }
```

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