

# Converting Colors

Decimal(7471902)

Have a look what the booklet for  
Decimal(7471902) contains.

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**Color**

**Decimal(7471902)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	72031E
RGB	114, 3, 30
RGB Percent	45%, 1%, 12%
CMY	0.5529, 0.9882, 0.8824
CMYK	0.00, 0.97, 0.74, 0.55
HSL	345°, 95%, 23%
HSV	345°, 97%, 45%
XYZ	7.2063, 3.7363, 1.5697
YIQ	39.2670, 57.4890, 31.9290

# Conversions

## Conversions Part 2

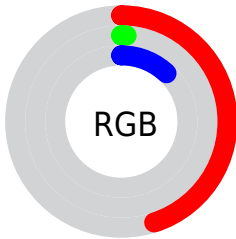
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	114, 3, 30
Decimal	7471902
CIE Lab	22.78, 44.47, 18.19
CIE LCh	23, 48.044, 22.243
Yxy	3.7363, 0.5759, 0.2986
Android (android.graphics.Color)	4285661982 (0xFF72031E)
YUV	39.2670, -4.5686, 65.5408
Hunter-Lab	19.3294, 32.7213, 8.7159

# Details

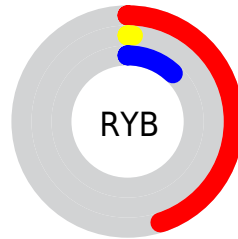
The Decimal color **7471902** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **225879**, and the grayscale version is **2565927**.

A 20% lighter version of the original color is **11288905**, and **3866625** is the 20% darker color. If you saturate the color by 10%, you get **7471132**, and if you desaturate by 10%, it is **7474727**.

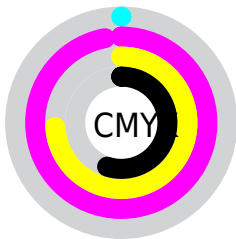
# Distribution



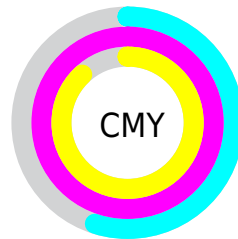
- Red (45%)
- Green (1%)
- Blue (12%)



- Red (45%)
- Yellow (1%)
- Blue (12%)



- Cyan (0%)
- Magenta (97%)
- Yellow (74%)
- Black (55%)



- Cyan (55%)
- Magenta (99%)
- Yellow (88%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7471902 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 7471902 by changing the saturation by 10% instead.





7471902



7471902

16777215



5636102



11288905



3866625



13261665



1703937



15234426



0



16748692



16755886



16763082



16770534



7471902



7471902

■ 7471132

■ 7474727

■ 7477807

■ 7480632

■ 7483713

■ 7486537

■ 7489362

■ 7492442

■ 7495267

■ 7498348

# Harmonies

## Analogous

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



7274561



7471902



6627328

# Triad

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



7471902



16898



15998

# Complementary

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



7471902



225879

# 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.



17519



7471902



17708

# Square

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



7471902



2833408



17745



1126778

# Rectangle

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



7471902



5582080



17745



16507



# Sweetspot

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



7471902



9726323



5636978



4862006



13224393



4868682



# Same Dimension

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



7471902



9699364



7479043



3682868



7864349



16187452



# Inverse Universe

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



7471902



9699364



218738



3682868



7864349

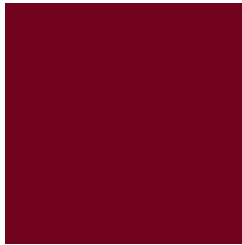


16187452



# Previews

## White Background



This preview shows how the Decimal color 7471902 looks on a white background.

## Color Contrast Check

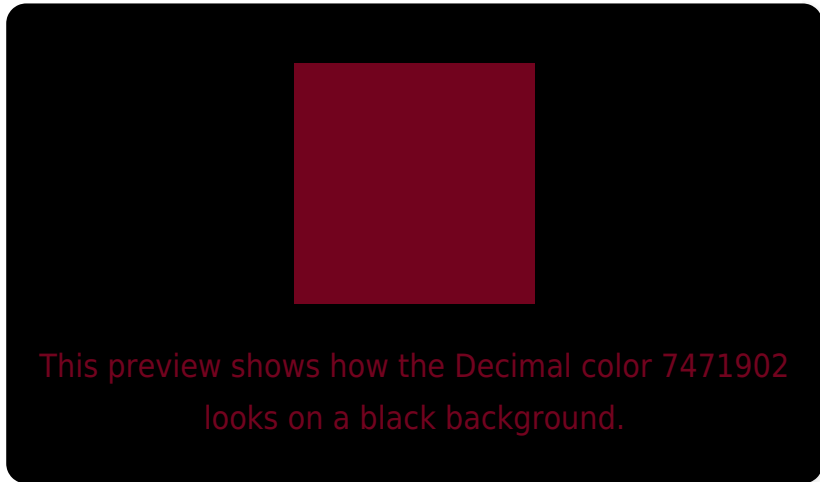
Large Text (above 18pt) WCAG AA ✓ Pass

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

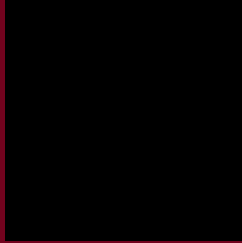
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 7471902 Background



This preview shows how black text looks on a background with the Decimal color 7471902.



This preview shows how white text looks on a background with the Decimal color 7471902.

# 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**

7471902

**Protanopia**

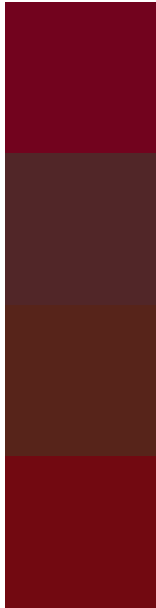
4078125

**Deuteranopia**

4732696



# Trichromacy



**Original Color**  
7471902

**Protanomaly**  
5318184

**Deuteranomaly**  
5710874

**Tritanomaly**  
7473425

# Monochromacy



**Original Color**  
7471902

**Achromatopsia**  
2565927

**Achromatomaly**  
4332068

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7471902 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 #72031E looks like.

```
.text, #text, p{  
    color:#72031E  
}
```

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 #72031E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #72031E
}
```

## Border

The CSS property to change the border of an element to Decimal 7471902 is called "border". The border property can be set on classes, ids or directly on the HTML element.

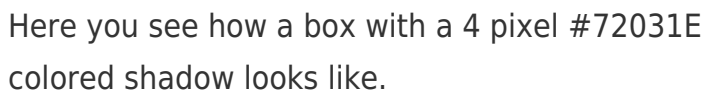
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#72031E }
```

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

```
.border{ border-color:#72031E }
```

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



Here you see how a box with a 4 pixel #72031E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #72031E; -webkit-box-shadow:4px 4px  
4px 4px #72031E; box-shadow:4px 4px 4px  
4px #72031E }
```

# Background

The CSS property to change the background color of an element to Decimal 7471902 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#72031E }
```

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

```
.background{ background-color:#72031E }
```

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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