

# Converting Colors

Decimal(7340039)

Have a look what the booklet for  
Decimal(7340039) contains.

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**Color**

**Decimal(7340039)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	700007
RGB	112, 0, 7
RGB Percent	44%, 0%, 3%
CMY	0.5608, 1.0000, 0.9725
CMYK	0.00, 1.00, 0.94, 0.56
HSL	356°, 100%, 22%
HSV	356°, 100%, 44%
XYZ	6.7204, 3.4601, 0.5147
YIQ	34.2860, 64.5050, 25.9210

# Conversions

## Conversions Part 2

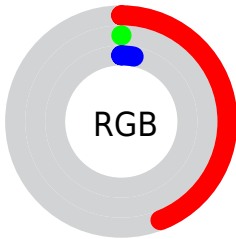
<b>Format</b>	<b>Color</b>
<b>RYB</b>	112, 0, 7
Decimal	7340039
CIELab	21.80, 43.83, 30.22
CIELCh	22, 53.237, 34.591
Yxy	3.4601, 0.6284, 0.3235
Android (android.graphics.Color)	4285530119 (0xFF700007)
YUV	34.2860, -13.4520, 68.1552
Hunter-Lab	18.6013, 31.9378, 11.3805

# Details

The Decimal color **7340039** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **28777**, and the grayscale version is **2236962**.

A 20% lighter version of the original color is **11222579**, and **3670017** is the 20% darker color. If you saturate the color by 10%, you get **7340039**, and if you desaturate by 10%, it is **7342866**.

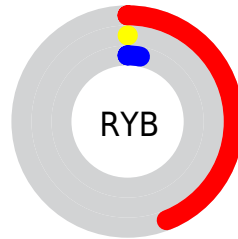
# Distribution



Red (44%)

Green (0%)

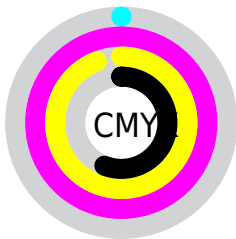
Blue (3%)



Red (44%)

Yellow (0%)

Blue (3%)

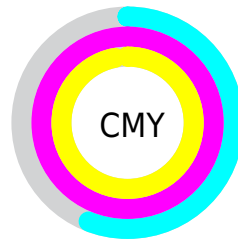


Cyan (0%)

Magenta (100%)

Yellow (94%)

Black (56%)



Cyan (56%)

Magenta (100%)

Yellow (97%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7340039 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 7340039 by changing the saturation by 10% instead.



 7340039


 7340039

 16777192

 5439488

 11222579

 3670017

 13195338

 1245184

 15233890

 0

 16748155

 16755093

 16762288

 16769740

 7340039

 7342866

 7345692

 7348775

 7351601

 7354428

 7357254

 7360081

 7363163

 7365990

# Harmonies

## Analogous

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



7733296



7340039



5972992

# Triad

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



7340039



16910



14469

# Complementary

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



7340039



28777

# 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.



16764



7340039



17466

# Square

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



7340039



933376



17505



3548790

# Rectangle

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



7340039



4665344



17505



15492



# Sweetspot

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



7340039



9528936



6881392



4861745



13224393



4868682



# Same Dimension

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



7340039



9502729



7352576



3682867



7864327



16187407



# Inverse Universe

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



7340039



9502729



16240



3682867



7864327

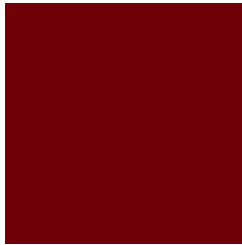


16187407



# Previews

## White Background



This preview shows how the Decimal color 7340039 looks on a white background.

## Color Contrast Check

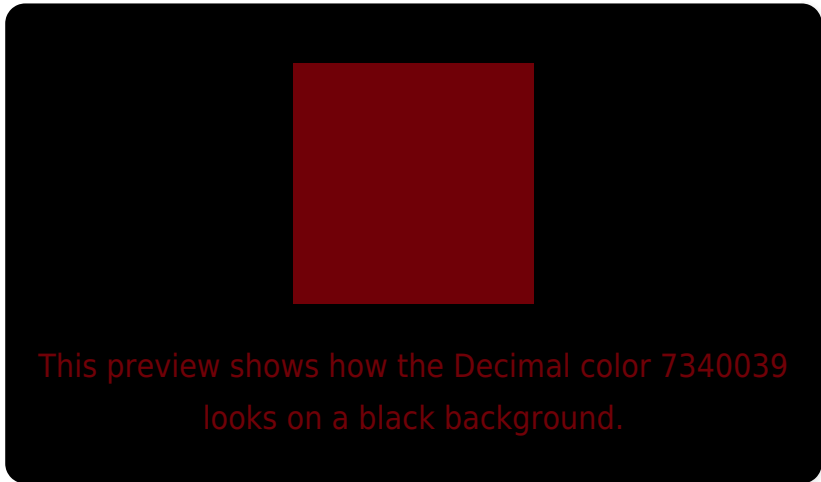
Large Text (above 18pt) WCAG AA ✓ Pass

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 7340039 Background



This preview shows how black text looks on a background with the Decimal color 7340039.



This preview shows how white text looks on a background with the Decimal color 7340039.

# 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**  
7340039

**Protanopia**  
4143377

**Deuteranopia**  
4666880



# Trichromacy



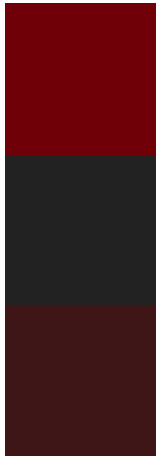
**Original Color**  
7340039

**Protanomaly**  
5317645

**Deuteranomaly**  
5644803

**Tritanomaly**  
7276035

# Monochromacy



**Original Color**  
7340039

**Achromatopsia**  
2236962

**Achromatomaly**  
4068888

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7340039 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 #700007 looks like.

```
.text, #text, p{  
    color:#700007  
}
```

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 #700007 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #700007
}
```

## Border

The CSS property to change the border of an element to Decimal 7340039 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
#700007 }
```

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

```
.border{ border-color:#700007 }
```

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

Here you see how a box with a 4 pixel #700007 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #700007; -webkit-box-shadow:4px 4px  
4px 4px #700007; box-shadow:4px 4px 4px  
4px #700007 }
```

# Background

The CSS property to change the background color of an element to Decimal 7340039 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#700007 }
```

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

```
.background{ background-color:#700007 }
```

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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