

Converting Colors

Decimal(7340067)

Have a look what the booklet for
Decimal(7340067) contains.

Decimal(7340067)	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(7340067)

Conversions

Conversions Part 1

Format	Color
Hex	700023
RGB	112, 0, 35
RGB Percent	44%, 0%, 14%
CMY	0.5608, 1.0000, 0.8627
CMYK	0.00, 1.00, 0.69, 0.56
HSL	341°, 100%, 22%
HSV	341°, 100%, 44%
XYZ	6.9855, 3.5661, 1.9103
YIQ	37.4780, 55.5170, 34.6290

Conversions

Conversions Part 2

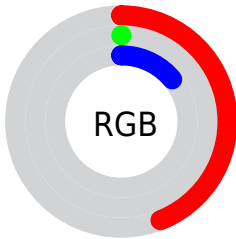
Format	Color
R_YB	112, 0, 35
Decimal	7340067
CIE Lab	22.18, 44.86, 13.86
CIE LCh	22, 46.954, 17.171
Yxy	3.5661, 0.5605, 0.2862
Android (android.graphics.Color)	4285530147 (0xFF700023)
YUV	37.4780, -1.2217, 65.3558
Hunter-Lab	18.8841, 32.9822, 7.2213

Details

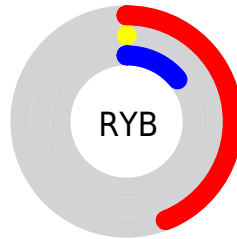
The Decimal color **7340067** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **28749**, and the grayscale version is **2434341**.

A 20% lighter version of the original color is **11091791**, and **3801089** is the 20% darker color. If you saturate the color by 10%, you get **7340067**, and if you desaturate by 10%, it is **7342891**.

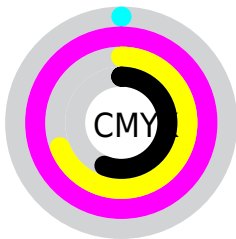
Distribution



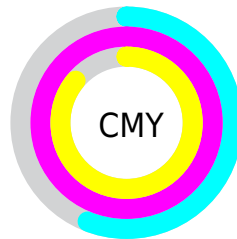
- Red (44%)
- Green (0%)
- Blue (14%)



- Red (44%)
- Yellow (0%)
- Blue (14%)



- Cyan (0%)
- Magenta (100%)
- Yellow (69%)
- Black (56%)



- Cyan (56%)
- Magenta (100%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7340067 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 7340067 by changing the saturation by 10% instead.


 7340067

 7340067

16777215

 5505038

 11091791

 3801089

 13064551

 1507329

 15037568

 0

 16748442

 16755381

 16762576

 16770028

 7340067

■ 7342891

■ 7345714

■ 7348794

■ 7351618

■ 7354442

■ 7357265

■ 7360089

■ 7363169

■ 7365992

Harmonies

Analogous

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



6947654



7340067



6626048

Triad

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



7340067



16384



15994

Complementary

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



7340067



28749

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.



17256



7340067



17188

Square

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



7340067



3160576



17481



13177

Rectangle

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



7340067



5712128



17481



16502

Sweetspot

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



7340067



9528947



5046384



4861752



13224393



4868682

Same Dimension

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



7340067



9502765



7345408



3682868



7864357



16187469

Inverse Universe

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



7340067



9502765



23408



3682868



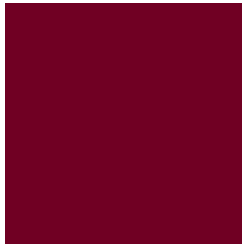
7864357



16187469

Previews

White Background



This preview shows how the Decimal color 7340067 looks on a white background.

Color Contrast Check

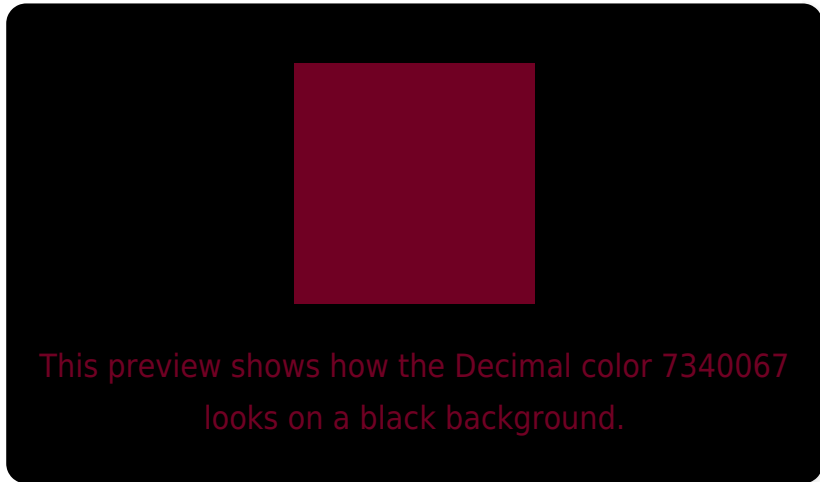
Large Text (above 18pt) WCAG AA ✓ Pass

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 7340067 Background



This preview shows how black text looks on a background with the Decimal color 7340067.



This preview shows how white text looks on a background with the Decimal color 7340067.

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
7340067

Protanopia
3881268

Deuteranopia
4601374

Trichromacy



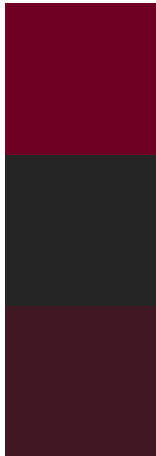
Original Color
7340067

Protanomaly
5121070

Deuteranomaly
5579296

Tritanomaly
7276820

Monochromacy



Original Color
7340067

Achromatopsia
2434341

Achromatomaly
4200484

CSS Examples

Text

The CSS property to change the color of the text to Decimal 7340067 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 #700023 looks like.

```
.text, #text, p{  
    color:#700023  
}
```

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 #700023 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #700023
}
```

Border

The CSS property to change the border of an element to Decimal 7340067 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".

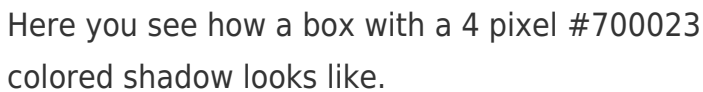
```
.border, #border, table{ border:4px solid
#700023 }
```

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

```
.border{ border-color:#700023 }
```

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

Here you see how a box with a 4 pixel #700023 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The box is white with a dark red border and a dark red shadow. The shadow is visible on the right and bottom edges of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #700023; -webkit-box-shadow:4px 4px  
4px 4px #700023; box-shadow:4px 4px 4px  
4px #700023 }
```

Background

The CSS property to change the background color of an element to Decimal 7340067 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#700023 }
```

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

```
.background{ background-color:#700023 }
```

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