

Converting Colors

Decimal(7340144)

Have a look what the booklet for
Decimal(7340144) contains.

Decimal(7340144)	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(7340144)

Conversions

Conversions Part 1

Format	Color
Hex	700070
RGB	112, 0, 112
RGB Percent	44%, 0%, 44%
CMY	0.5608, 1.0000, 0.5608
CMYK	0.00, 1.00, 0.00, 0.56
HSL	300°, 100%, 22%
HSV	300°, 100%, 44%
XYZ	9.6067, 4.6146, 15.7136
YIQ	46.2560, 30.8000, 58.5760

Conversions

Conversions Part 2

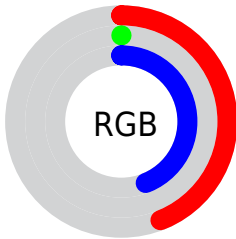
Format	Color
R_{YB}	112, 0, 112
Decimal	7340144
CIE Lab	25.61, 53.57, -33.17
CIE LCh	26, 63.004, 328.233
Yxy	4.6146, 0.3209, 0.1542
Android (android.graphics.Color)	4285530224 (0xFF700070)
YUV	46.2560, 32.4118, 57.6575
Hunter-Lab	21.4816, 42.2336, -28.3330

Details

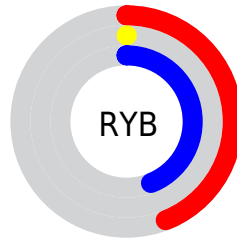
The Decimal color **7340144** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **28672**, and the grayscale version is **3026478**.

A 20% lighter version of the original color is **10961828**, and **3932223** is the 20% darker color. If you saturate the color by 10%, you get **7340144**, and if you desaturate by 10%, it is **7342960**.

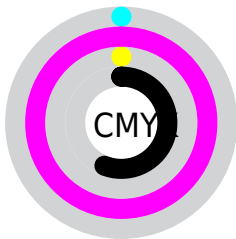
Distribution



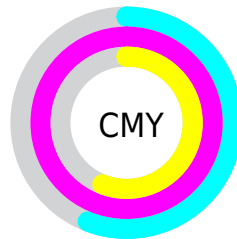
- Red (44%)
- Green (0%)
- Blue (44%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the Decimal color 7340144 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 7340144 by changing the saturation by 10% instead.

 7340144

 7340144

16777215

 5570647

 10961828

 3932223

 12803776

 2293801

 14711260

 274

 16684536

 0

 16756991

 16764415

 16771839

 7340144

■ 7342960

■ 7345776

■ 7348848

■ 7351664

■ 7354480

■ 7357296

■ 7360112

■ 7363184

■ 7366000

Harmonies

Analogous

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



2109843



7340144



9044034

Triad

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



7340144



5126656



20329

Complementary

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



7340144



28672

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.



20024



7340144



1852928

Square

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



7340144



7414272



19456



19855

Rectangle

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



7340144



9109539



19456



20314

Sweetspot

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



7340144



9528977



112



4861770



13224393



4868682

Same Dimension

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



7340144



9502865



7340088



3682872



7864440



16187639

Inverse Universe

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



7340144



9502865



28728



3682872



7864440



16187639

Previews

White Background



This preview shows how the Decimal color 7340144 looks on a white background.

Color Contrast Check

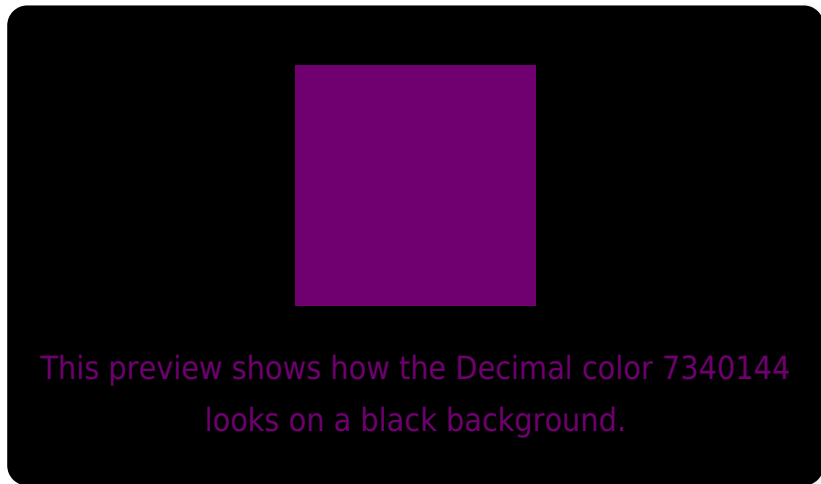
Large Text (above 18pt) WCAG AA ✓ Pass

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

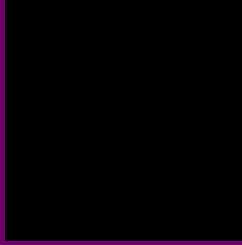
Any Text WCAG AA × Fail

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 7340144 Background



This preview shows how black text looks on a background with the Decimal color 7340144.




This preview shows how white text looks on a background with the Decimal color 7340144.

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





Tritanopia
6892591

Trichromacy



Original Color

7340144



Protanomaly

2697084



Deuteranomaly

4270444



Tritanomaly

7085127

Monochromacy



Original Color

7340144



Achromatopsia

3026478



Achromatomaly

4595014

CSS Examples

Text

The CSS property to change the color of the text to Decimal 7340144 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 #700070 looks like.

```
.text, #text, p{  
    color:#700070  
}
```

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 #700070 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #700070
}
```

Border

The CSS property to change the border of an element to Decimal 7340144 is called "border". The border property can be set on classes, ids or directly on the HTML element.

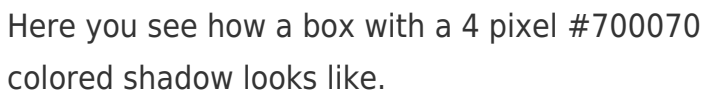
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#700070 }
```

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

```
.border{ border-color:#700070 }
```

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



Here you see how a box with a 4 pixel #700070 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #700070; -webkit-box-shadow:4px 4px  
4px 4px #700070; box-shadow:4px 4px 4px  
4px #700070 }
```

Background

The CSS property to change the background color of an element to Decimal 7340144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#700070 }
```

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

```
.background{ background-color:#700070 }
```

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