

# Converting Colors

Decimal(7347836)

Have a look what the booklet for  
Decimal(7347836) contains.

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# Color

**Decimal(7347836)**

# Conversions

## Conversions Part 1

Format	Color
Hex	701E7C
RGB	112, 30, 124
RGB Percent	44%, 12%, 49%
CMY	0.5608, 0.8824, 0.5137
CMYK	0.10, 0.76, 0.00, 0.51
HSL	292°, 61%, 30%
HSV	292°, 76%, 49%
XYZ	10.7845, 5.8285, 19.6254
YIQ	65.2340, 18.6980, 46.6180

# Conversions

## Conversions Part 2

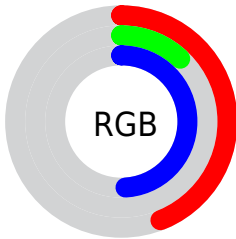
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	112, 30, 124
Decimal	7347836
CIE <sub>Lab</sub>	28.98, 48.20, -35.43
CIE <sub>LCh</sub>	29, 59.821, 323.681
Yxy	5.8285, 0.2976, 0.1608
Android (android.graphics.Color)	4285537916 (0xFF701E7C)
YUV	65.2340, 28.9716, 41.0138
Hunter-Lab	24.1423, 37.4874, -31.2974

# Details

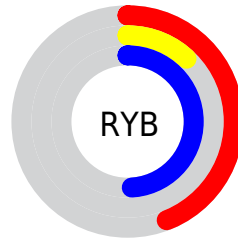
The Decimal color **7347836** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **2784286**, and the grayscale version is **4276545**.

A 20% lighter version of the original color is **10965937**, and **3932234** is the 20% darker color. If you saturate the color by 10%, you get **7213692**, and if you desaturate by 10%, it is **7481980**.

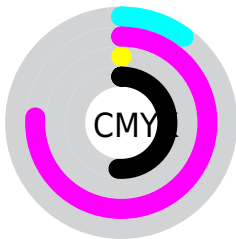
# Distribution



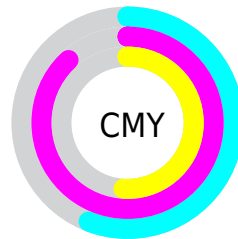
- Red (44%)
- Green (12%)
- Blue (49%)



- Red (44%)
- Yellow (12%)
- Blue (49%)



- Cyan (10%)
- Magenta (76%)
- Yellow (0%)
- Black (51%)



- Cyan (56%)
- Magenta (88%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7347836 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 7347836 by changing the saturation by 10% instead.



 7347836

 7347836

16777215

 5636195

 10965937

 3932234

 12807629

 2490419

 14649577

 285

 16622591

 0

 16760831

 16768255

 16775679

 7347836

 7347836

■ 7213692

■ 7481980

■ 7144828

■ 7550844

■ 7078012

■ 7684988

■ 7753852

■ 7887996

■ 7956604

■ 8091004

■ 8225148

■ 8294012

# Harmonies

## Analogous

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



1457563



7347836



9306192

# Triad

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



7347836



6110976



22377

# Complementary

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



7347836



2784286

# 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.



22073



7347836



3230976

# Square

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



7347836



8201984



21249



21903

# Rectangle

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



7347836



9568306



21249



22361



# Sweetspot

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



7347836



1025521



1977212



5192530



13750737



5395026



# Same Dimension

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



7347836



9309857



8134234



3946301



7143549



14418172



# Inverse Universe

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



8134186



10554913



1997888



4011832



8192016



16515104



# Previews

## White Background



This preview shows how the Decimal color 7347836 looks on a white background.

## Color Contrast Check

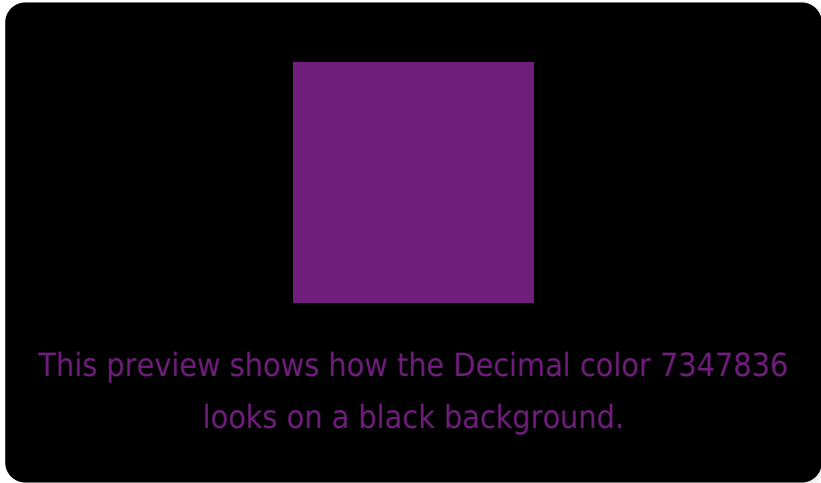
Large Text (above 18pt) WCAG AA ✓ Pass

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

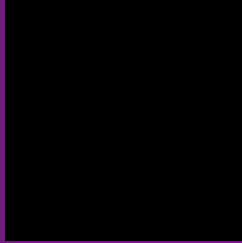
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 7347836 Background



This preview shows how black text looks on a background with the Decimal color 7347836.



This preview shows how white text looks on a background with the Decimal color 7347836.

# 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**  
7347836

**Protanopia**  
17294

**Deuteranopia**  
2377334



**Tritanopia**  
6829883

# Trichromacy



**Original Color**

7347836



**Protanomaly**

2700935



**Deuteranomaly**

4208504



**Tritanomaly**

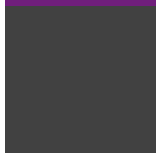
7024211

# Monochromacy



**Original Color**

7347836



**Achromatopsia**

4276545



**Achromatomaly**

5387350

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7347836 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 #701E7C looks like.

```
.text, #text, p{  
    color:#701E7C  
}
```

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 #701E7C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #701E7C
}
```

## Border

The CSS property to change the border of an element to Decimal 7347836 is called "border". The border property can be set on classes, ids or directly on the HTML element.

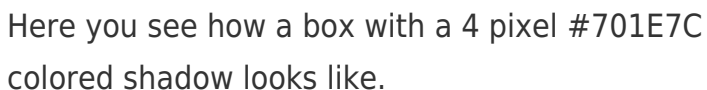
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#701E7C }
```

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

```
.border{ border-color:#701E7C }
```

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



Here you see how a box with a 4 pixel #701E7C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #701E7C; -webkit-box-shadow:4px 4px  
4px 4px #701E7C; box-shadow:4px 4px 4px  
4px #701E7C }
```

# Background

The CSS property to change the background color of an element to Decimal 7347836 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#701E7C }
```

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

```
.background{ background-color:#701E7C }
```

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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