

# Converting Colors

Decimal(7608936)

Have a look what the booklet for  
Decimal(7608936) contains.

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**Color**

**Decimal(7608936)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	741A68
RGB	116, 26, 104
RGB Percent	45%, 10%, 41%
CMY	0.5451, 0.8980, 0.5922
CMYK	0.00, 0.78, 0.10, 0.55
HSL	308°, 63%, 28%
HSV	308°, 78%, 45%
XYZ	10.0705, 5.4513, 13.6181
YIQ	61.8020, 28.6020, 43.3380

# Conversions

## Conversions Part 2

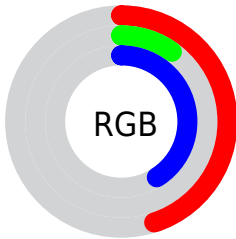
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	116, 26, 104
Decimal	7608936
CIE <sub>Lab</sub>	27.98, 47.01, -24.19
CIE <sub>LCh</sub>	28, 52.868, 332.777
Yxy	5.4513, 0.3456, 0.1871
Android (android.graphics.Color)	4285799016 (0xFF741A68)
YUV	61.8020, 20.8036, 47.5316
Hunter-Lab	23.3480, 36.1325, -18.2384

# Details

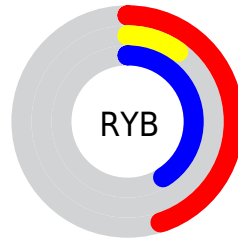
The Decimal color **7608936** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **1733670**, and the grayscale version is **4079166**.

A 20% lighter version of the original color is **11227291**, and **4194360** is the 20% darker color. If you saturate the color by 10%, you get **7605862**, and if you desaturate by 10%, it is **7612010**.

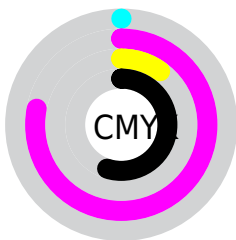
# Distribution



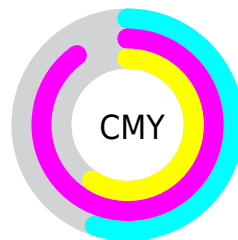
- Red (45%)
- Green (10%)
- Blue (41%)



- Red (45%)
- Yellow (10%)
- Blue (41%)



- Cyan (0%)
- Magenta (78%)
- Yellow (10%)
- Black (55%)



- Cyan (55%)
- Magenta (90%)
- Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7608936 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 7608936 by changing the saturation by 10% instead.



 7608936

 7608936

16777215

 5898320

 11227291

 4194360

 13068982

 2752547

 14976466

 8

 16752879

 0

 16760063

 16767487

 16774911

 7608936

 7608936

7605862

7612010

7603045

7614827

7602277

7617901

7620718

7623792

7626865

7629683

7632756

7635574

# Harmonies

## Analogous

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



4339079



7608936



8847424

# Triad

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



7608936



5194240



21357

# Complementary

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



7608936



1733670

# 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.



21317



7608936



2378752

# Square

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



7608936



7221504



20761



20619

# Rectangle

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



7608936



8784678



20761



21345



# Sweetspot

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



7608936



9860242



2497140



5060426



13421772



5066061



# Same Dimension

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



7608936



9833348



7608891



3880250



7995498



16384217



# Inverse Universe

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



7608936



9833348



1733715



3880250



7995498



16384217



# Previews

## White Background



This preview shows how the Decimal color 7608936 looks on a white background.

## Color Contrast Check

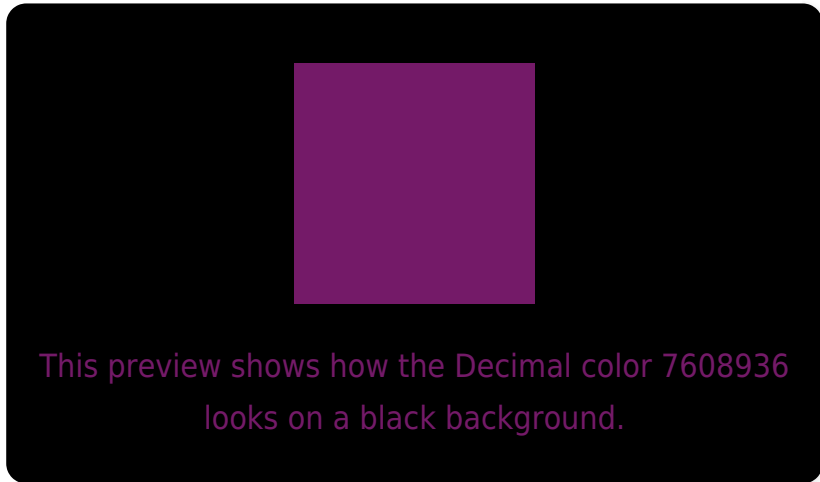
Large Text (above 18pt) WCAG AA ✓ Pass

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

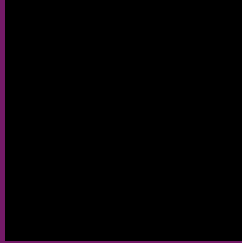
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 7608936 Background



This preview shows how black text looks on a background with the Decimal color 7608936.

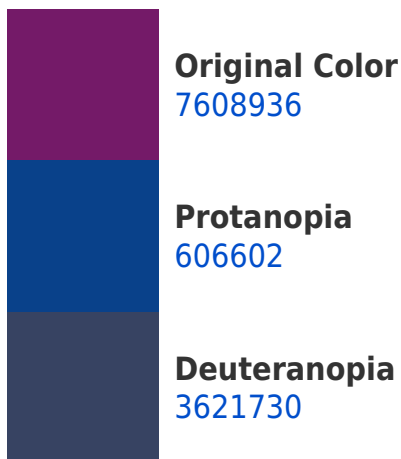



This preview shows how white text looks on a background with the Decimal color 7608936.

# 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**  
7286321

# Trichromacy



**Original Color**  
7608936

**Protanomaly**  
3158910

**Deuteranomaly**  
5059684

**Tritanomaly**  
7415621

# Monochromacy



**Original Color**  
7608936

**Achromatopsia**  
4079166

**Achromatomaly**  
5386573

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7608936 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 #741A68 looks like.

```
.text, #text, p{  
  color:#741A68  
}
```

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 #741A68 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #741A68
}
```

## Border

The CSS property to change the border of an element to Decimal 7608936 is called "border". The border property can be set on classes, ids or directly on the HTML element.

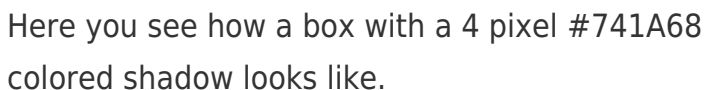
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#741A68 }
```

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

```
.border{ border-color:#741A68 }
```

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



Here you see how a box with a 4 pixel #741A68 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #741A68; -webkit-box-shadow:4px 4px  
4px 4px #741A68; box-shadow:4px 4px 4px  
4px #741A68 }
```

# Background

The CSS property to change the background color of an element to Decimal 7608936 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#741A68 }
```

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

```
.background{ background-color:#741A68 }
```

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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