

# Converting Colors

Decimal(7736676)

Have a look what the booklet for  
Decimal(7736676) contains.

<b>Decimal(7736676)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Decimal(7736676)**

# Conversions

## Conversions Part 1

Format	Color
Hex	760D64
RGB	118, 13, 100
RGB Percent	46%, 5%, 39%
CMY	0.5373, 0.9490, 0.6078
CMYK	0.00, 0.89, 0.15, 0.54
HSL	310°, 80%, 26%
HSV	310°, 89%, 46%
XYZ	9.9154, 5.0595, 12.5106
YIQ	54.3130, 34.6530, 49.3170

# Conversions

## Conversions Part 2

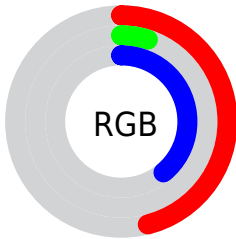
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	118, 13, 100
Decimal	7736676
CIE <sub>Lab</sub>	26.90, 50.45, -23.26
CIE <sub>LCh</sub>	27, 55.549, 335.247
Yxy	5.0595, 0.3608, 0.1841
Android (android.graphics.Color)	4285926756 (0xFF760D64)
YUV	54.3130, 22.5237, 55.8535
Hunter-Lab	22.4933, 39.3221, -17.2312

# Details

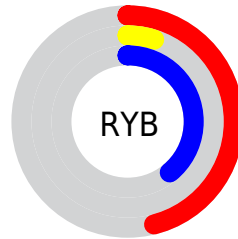
The Decimal color **7736676** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **882207**, and the grayscale version is **3552822**.

A 20% lighter version of the original color is **11356567**, and **4259893** is the 20% darker color. If you saturate the color by 10%, you get **7733602**, and if you desaturate by 10%, it is **7739750**.

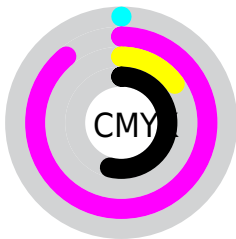
# Distribution



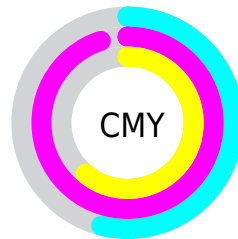
- Red (46%)
- Green (5%)
- Blue (39%)



- Red (46%)
- Yellow (5%)
- Blue (39%)



- Cyan (0%)
- Magenta (89%)
- Yellow (15%)
- Black (54%)



- Cyan (54%)
- Magenta (95%)
- Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7736676 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 7736676 by changing the saturation by 10% instead.



 7736676

 7736676

16777215


 5963852

 11356567

 4259893

 13264050

 2752543

 15171534

 2

 16751338

 0

 16758527

 16765695

 16773119

 7736676

 7736676

■ 7733602

■ 7739750

■ 7733346

■ 7742824

■ 7745642

■ 7748716

■ 7751790

■ 7754864

■ 7757938

■ 7760756

■ 7763830

# Harmonies

## Analogous

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



4468870



7736676



8847418

# Triad

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



7736676



4734976



20848

# Complementary

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



7736676



882207

# 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.



20806



7736676



1657344

# Square

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



7736676



6958848



20249



19854

# Rectangle

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



7736676



8716319



20249



20835



# Sweetspot

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



7736676



10055826



1969526



5059656



13421772



5066061



# Same Dimension

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



7736676



10027135



7736624



3880250



7995493



16384207



# Inverse Universe

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



7736676



10027135



882259



3880250



7995493

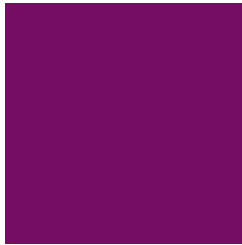


16384207



# Previews

## White Background



This preview shows how the Decimal color 7736676 looks on a white background.

## Color Contrast Check

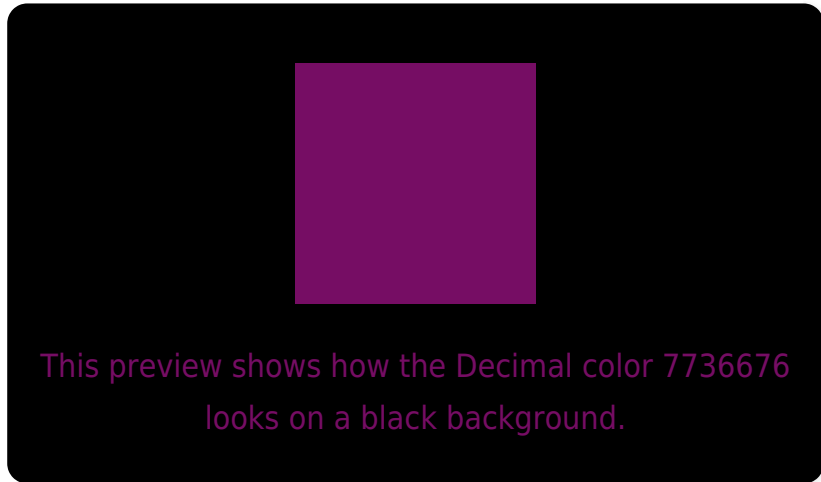
Large Text (above 18pt) WCAG AA ✓ Pass

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

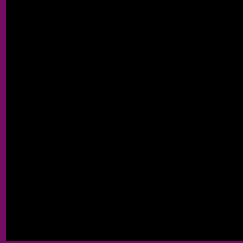
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 7736676 Background



This preview shows how black text looks on a background with the Decimal color 7736676.



This preview shows how white text looks on a background with the Decimal color 7736676.

# 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**  
7416107

# Trichromacy



**Original Color**  
7736676

**Protanomaly**  
2829690

**Deuteranomaly**  
5123680

**Tritanomaly**  
7544640

# Monochromacy



**Original Color**  
7736676

**Achromatopsia**  
3552822

**Achromatomaly**  
5056327

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7736676 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 #760D64 looks like.

```
.text, #text, p{  
    color:#760D64  
}
```

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 #760D64 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #760D64
}
```

## Border

The CSS property to change the border of an element to Decimal 7736676 is called "border". The border property can be set on classes, ids or directly on the HTML element.

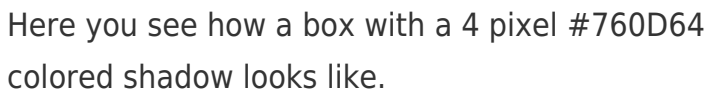
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#760D64 }
```

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

```
.border{ border-color:#760D64 }
```

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



Here you see how a box with a 4 pixel #760D64 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #760D64; -webkit-box-shadow:4px 4px  
4px 4px #760D64; box-shadow:4px 4px 4px  
4px #760D64 }
```

# Background

The CSS property to change the background color of an element to Decimal 7736676 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#760D64 }
```

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

```
.background{ background-color:#760D64 }
```

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