

# Converting Colors

Hex(741277)

Have a look what the booklet for  
Hex(741277) contains.

<b>Hex(741277)</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**

**Hex(741277)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	741277
RGB	116, 18, 119
RGB Percent	45%, 7%, 47%
CMY	0.5451, 0.9294, 0.5333
CMYK	0.03, 0.85, 0.00, 0.53
HSL	298°, 74%, 27%
HSV	298°, 85%, 47%
XYZ	10.7485, 5.4775, 17.9435
YIQ	58.8160, 25.9870, 52.1870

# Conversions

## Conversions Part 2

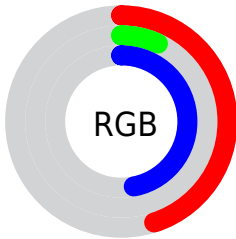
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	116, 18, 119
Decimal	7606903
CIE <sub>Lab</sub>	28.05, 51.90, -33.70
CIE <sub>LCh</sub>	28, 61.881, 327.008
Yxy	5.4775, 0.3146, 0.1603
Android (android.graphics.Color)	4285796983 (0xFF741277)
YUV	58.8160, 29.6707, 50.1504
Hunter-Lab	23.4041, 41.0204, -29.0737




# Details

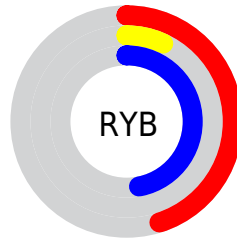
The Hex color **741277** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **157712**, and the grayscale version is **3B3B3B**.




A 20% lighter version of the original color is **AB4CAC**, and **3F0046** is the 20% darker color. If you saturate the color by 10%, you get **740677**, and if you desaturate by 10%, it is **741E77**.

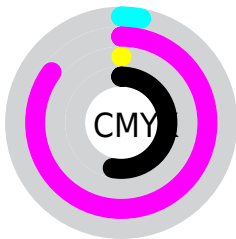
# Distribution







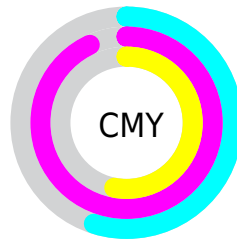
-  Red (45%)
-  Green (7%)
-  Blue (47%)






-  Red (45%)
-  Yellow (7%)
-  Blue (47%)



-  Cyan (3%)
-  Magenta (85%)
-  Yellow (0%)
-  Black (53%)



-  Cyan (55%)
-  Magenta (93%)
-  Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 741277 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 Hex color 741277 by changing the saturation by 10% instead.



 741277

 741277

FFFFFF

 59005E


 AB4CAC

 3F0046

 C767C7

 29002F

 E482E4

 000119

 FF9DFF

 000000

 FFB9FF

 FFD6FF

 FFF3FF

 741277

 741277

■ 740677

■ 741E77

■ 730077

■ 752A77

■ 753677

■ 754277

■ 764D77

■ 765977

■ 766577

■ 777177

■ 777D77

# Harmonies

## Analogous

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



253899



741277



8F0049

# Triad

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



741277



563F00



00556D

# Complementary

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



741277



157712

# 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.



00543C



741277



274C00

# Square

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



741277



792700



005203



005393

# Rectangle

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



741277



91002A



005203



00555D



# Sweetspot

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



741277



9A759C



121577



4E374F



CFCFCF



4F4F4F



# Same Dimension

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



741277



97009C



771248



3A353B



77007A



F200FA



# Inverse Universe

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



771215



9C0005



127741



3B3535



7A0004



FA0007



# Previews

## White Background



This preview shows how the Hex color 741277 looks on a white background.

## Color Contrast Check

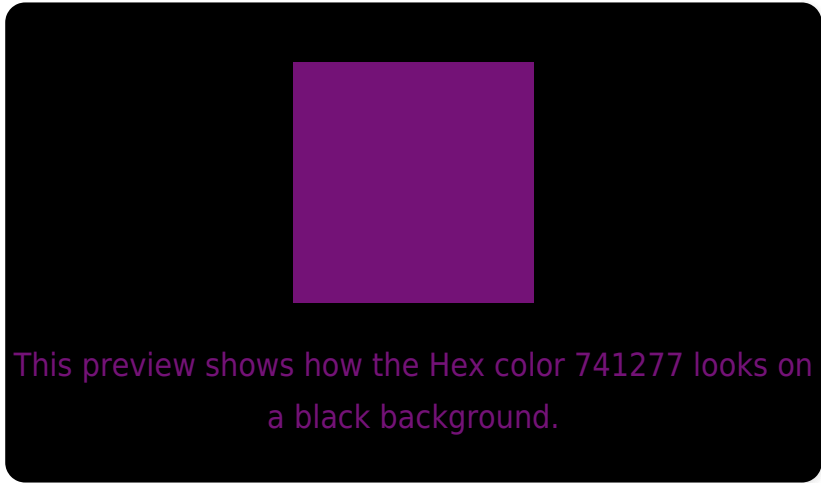
Large Text (above 18pt) WCAG AA ✓ Pass

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

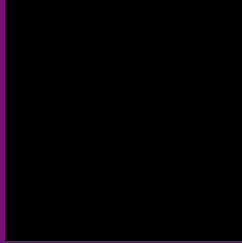
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 741277 Background



This preview shows how black text looks on a background with the Hex color 741277.




This preview shows how white text looks on a background with the Hex color 741277.

# 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**  
6C3134

# Trichromacy



**Original Color**

741277



**Protanomaly**

2A3184



**Deuteranomaly**

443273



**Tritanomaly**

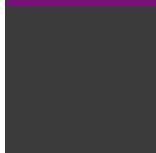
6F264C

# Monochromacy



**Original Color**

741277



**Achromatopsia**

3B3B3B



**Achromatomaly**

502C51

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 741277 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 #741277 looks like.

```
.text, #text, p{  
    color:#741277  
}
```

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 #741277 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #741277
}
```

## Border

The CSS property to change the border of an element to Hex 741277 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
#741277 }
```

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

```
.border{ border-color:#741277 }
```

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

Here you see how a box with a 4 pixel #741277 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #741277; -webkit-box-shadow:4px 4px  
4px 4px #741277; box-shadow:4px 4px 4px  
4px #741277 }
```

# Background

The CSS property to change the background color of an element to Hex 741277 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#741277 }
```

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

```
.background{ background-color:#741277 }
```

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