

# Converting Colors

Decimal(7097751)

Have a look what the booklet for  
Decimal(7097751) contains.

<b>Decimal(7097751)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Decimal(7097751)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6C4D97
RGB	108, 77, 151
RGB Percent	42%, 30%, 59%
CMY	0.5765, 0.6980, 0.4078
CMYK	0.28, 0.49, 0.00, 0.41
HSL	265°, 32%, 45%
HSV	265°, 49%, 59%
XYZ	14.4241, 10.7303, 30.5891
YIQ	94.7050, -5.2780, 29.5860

# Conversions

## Conversions Part 2

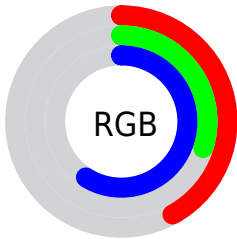
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	108, 77, 151
Decimal	7097751
CIE Lab	39.12, 29.10, -35.95
CIE LCh	39, 46.252, 308.991
Yxy	10.7303, 0.2588, 0.1925
Android (android.graphics.Color)	4285287831 (0xFF6C4D97)
YUV	94.7050, 27.7534, 11.6597
Hunter-Lab	32.7571, 21.2751, -32.4360

# Details

The Decimal color **7097751** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **7903053**, and the grayscale version is **6184542**.

A 20% lighter version of the original color is **10584014**, and **3743588** is the 20% darker color. If you saturate the color by 10%, you get **6504087**, and if you desaturate by 10%, it is **7691415**.

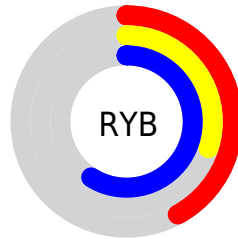
# Distribution



Red (42%)

Green (30%)

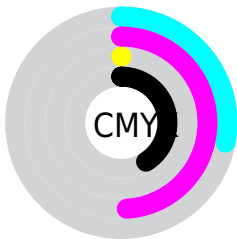
Blue (59%)



Red (42%)

Yellow (30%)

Blue (59%)

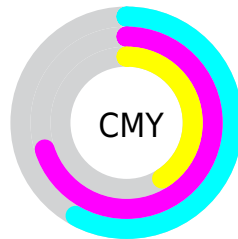


Cyan (28%)

Magenta (49%)

Yellow (0%)

Black (41%)



Cyan (58%)

Magenta (70%)

Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7097751 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 7097751 by changing the saturation by 10% instead.



7097751

7097751

16777215

5387901

10584014

3743588

12425706

2099531

14267647

786484

16175359

542

16772351

0

7097751

7097751

6504087

7691415

5910423

8285079

■ 5382295

■ 8813207

■ 4788631

■ 9406871

■ 4194967

■ 10000791

■ 4128919

■ 10594455

■ 11122583

■ 11716247

■ 12309911

# Harmonies

## Analogous

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



1400231



7097751



9583992

# Triad

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



7097751



8671248



28263

# Complementary

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



7097751



7903053

# 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.



27712



7097751



6577666

# Square

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



7097751



10043695



3893020



28043

# Rectangle

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



7097751



10303327



3893020



27994



# Sweetspot

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



7097751



11773892



5077143



5853795



14935011



6513507



# Same Dimension

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



7097751



8475076



9522583



4736333



3866764



327693



# Inverse Universe

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



9915768



12865940



5478221



5064009



9175121

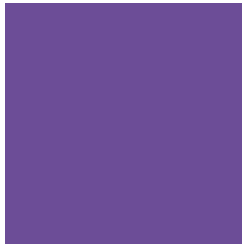


851975



# Previews

## White Background



This preview shows how the Decimal color 7097751 looks on a white background.

## Color Contrast Check

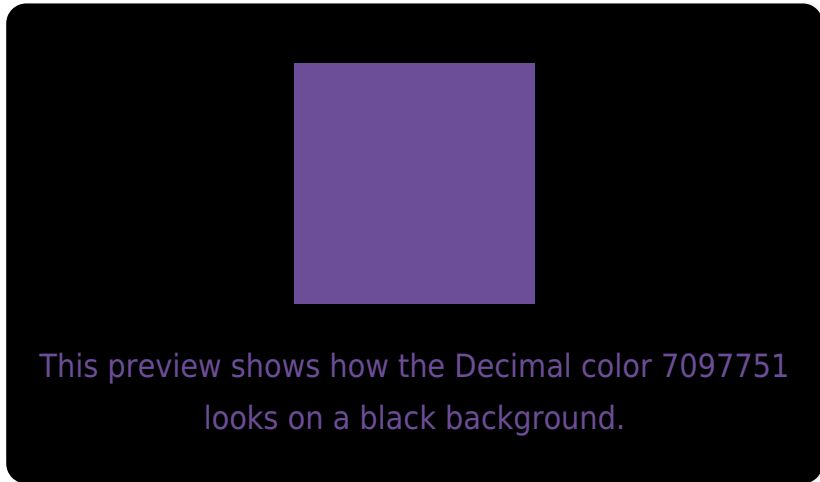
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 7097751 Background



This preview shows how black text looks on a background with the Decimal color 7097751.



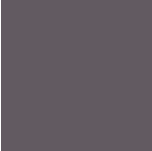
This preview shows how white text looks on a background with the Decimal color 7097751.

# 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**  
6445665

# Trichromacy



**Original Color**  
7097751

**Protanomaly**  
5002655

**Deuteranomaly**  
5068693

**Tritanomaly**  
6706549

# Monochromacy



**Original Color**  
7097751

**Achromatopsia**  
6250335

**Achromatomaly**  
6576243

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7097751 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 #6C4D97 looks like.

```
.text, #text, p{  
    color:#6C4D97  
}
```

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 #6C4D97 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6C4D97
}
```

## Border

The CSS property to change the border of an element to Decimal 7097751 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
#6C4D97 }
```

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

```
.border{ border-color:#6C4D97 }
```

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

Here you see how a box with a 4 pixel #6C4D97 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6C4D97; -webkit-box-shadow:4px 4px  
4px 4px #6C4D97; box-shadow:4px 4px 4px  
4px #6C4D97 }
```

# Background

The CSS property to change the background color of an element to Decimal 7097751 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6C4D97 }
```

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

```
.background{ background-color:#6C4D97 }
```

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