

# Converting Colors

Decimal(7096996)

Have a look what the booklet for  
Decimal(7096996) contains.

<b>Decimal(7096996)</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(7096996)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6C4AA4
RGB	108, 74, 164
RGB Percent	42%, 29%, 64%
CMY	0.5765, 0.7098, 0.3569
CMYK	0.34, 0.55, 0.00, 0.36
HSL	263°, 38%, 47%
HSV	263°, 55%, 64%
XYZ	15.3340, 10.7660, 36.3918
YIQ	94.4260, -8.6260, 35.1980

# Conversions

## Conversions Part 2

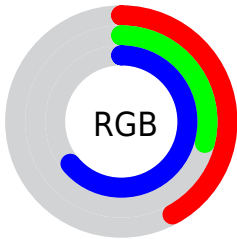
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	108, 74, 164
Decimal	7096996
CIE <sub>Lab</sub>	39.18, 34.33, -43.65
CIE <sub>LCh</sub>	39, 55.535, 308.184
Yxy	10.7660, 0.2454, 0.1723
Android (android.graphics.Color)	4285287076 (0xFF6C4AA4)
YUV	94.4260, 34.3000, 11.9044
Hunter-Lab	32.8116, 25.9985, -42.7912

# Details

The Decimal color **7096996** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **8561738**, and the grayscale version is **6184542**.

A 20% lighter version of the original color is **10648796**, and **3611759** is the 20% darker color. If you saturate the color by 10%, you get **6437540**, and if you desaturate by 10%, it is **7756452**.

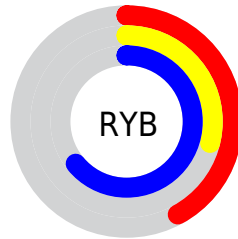
# Distribution



Red (42%)

Green (29%)

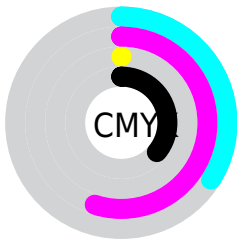
Blue (64%)



Red (42%)

Yellow (29%)

Blue (64%)

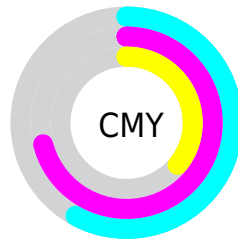


Cyan (34%)

Magenta (55%)

Yellow (0%)

Black (36%)



Cyan (58%)

Magenta (71%)

Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7096996 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 7096996 by changing the saturation by 10% instead.



■ 7096996

■ 7096996

16777215

■ 5386889

■ 10648796

■ 3611759

■ 12490488

■ 1836374

■ 14397951

■ 262207

■ 16305663

■ 808

■ 16771583

■ 273

■ 0

■ 7096996

■ 7096996

■ 6437540

■ 7756452

■ 5777828

■ 8416164

■ 5052836

■ 9141156

■ 4393124

■ 9800868

■ 4063396

■ 10460324

■ 11119780

■ 11779492

■ 12504484

■ 13164196

# Harmonies

## Analogous

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



24247



7096996



10171007

# Triad

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



7096996



9063680



28776

# Complementary

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



7096996



8561738

# 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.



28217



7096996



6643200

# Square

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



7096996



10762023



3369220



28563

# Rectangle

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



7096996



11085921



3369220



28760



# Sweetspot

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



7096996



12694742



4883364



6182763



15461355



7039851



# Same Dimension

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



7096996



8276438



9980580



5065042



3604625



458770



# Inverse Universe

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



10766978



14043553



5678154



5392719



9502810

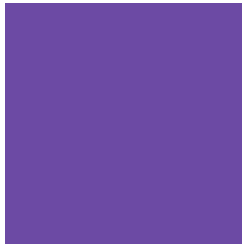


1179659



# Previews

## White Background



This preview shows how the Decimal color 7096996 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



This preview shows how the Decimal color 7096996 looks on a 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 7096996 Background



This preview shows how black text looks on a background with the Decimal color 7096996.




This preview shows how white text looks on a background with the Decimal color 7096996.

# 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**  
6249314

# Trichromacy



**Original Color**  
7096996

**Protanomaly**  
4150446

**Deuteranomaly**  
4282273

**Tritanomaly**  
6575482

# Monochromacy



**Original Color**  
7096996

**Achromatopsia**  
6184542

**Achromatomaly**  
6510455

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7096996 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 #6C4AA4 looks like.

```
.text, #text, p{  
  color:#6C4AA4  
}
```

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 #6C4AA4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6C4AA4
}
```

## Border

The CSS property to change the border of an element to Decimal 7096996 is called "border". The border property can be set on classes, ids or directly on the HTML element.

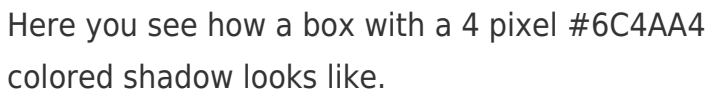
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6C4AA4 }
```

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

```
.border{ border-color:#6C4AA4 }
```

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



Here you see how a box with a 4 pixel #6C4AA4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6C4AA4; -webkit-box-shadow:4px 4px  
4px 4px #6C4AA4; box-shadow:4px 4px 4px  
4px #6C4AA4 }
```

# Background

The CSS property to change the background color of an element to Decimal 7096996 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6C4AA4 }
```

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

```
.background{ background-color:#6C4AA4 }
```

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