

# Converting Colors

Decimal(7223734)

Have a look what the booklet for  
Decimal(7223734) contains.

<b>Decimal(7223734)</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(7223734)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6E39B6
RGB	110, 57, 182
RGB Percent	43%, 22%, 71%
CMY	0.5686, 0.7765, 0.2863
CMYK	0.40, 0.69, 0.00, 0.29
HSL	265°, 52%, 47%
HSV	265°, 69%, 71%
XYZ	16.3370, 9.6187, 45.2515
YIQ	87.0970, -8.5370, 50.1110

# Conversions

## Conversions Part 2

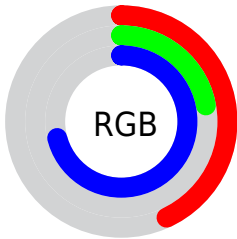
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	110, 57, 182
Decimal	7223734
CIE <sub>Lab</sub>	37.15, 48.91, -57.62
CIE <sub>LCh</sub>	37, 75.577, 310.329
Yxy	9.6187, 0.2294, 0.1351
Android (android.graphics.Color)	4285413814 (0xFF6E39B6)
YUV	87.0970, 46.7872, 20.0859
Hunter-Lab	31.0139, 39.7530, -64.7984

# Details

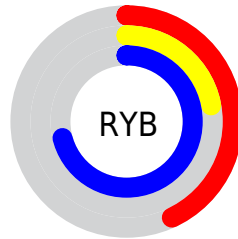
The Decimal color **7223734** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **8500793**, and the grayscale version is **5723991**.

A 20% lighter version of the original color is **10972399**, and **3473792** is the 20% darker color. If you saturate the color by 10%, you get **6563766**, and if you desaturate by 10%, it is **7883702**.

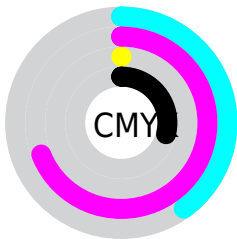
# Distribution



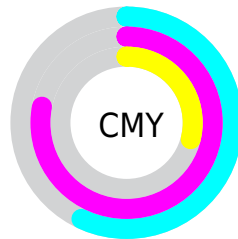
- Red (43%)
- Green (22%)
- Blue (71%)



- Red (43%)
- Yellow (22%)
- Blue (71%)



- Cyan (40%)
- Magenta (69%)
- Yellow (0%)
- Black (29%)



- Cyan (57%)
- Magenta (78%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7223734 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 7223734 by changing the saturation by 10% instead.



 7223734

 7223734

16777215

 5382043

 10972399

 3473792

 12814079

 1179750

 14787071

 77

 16694783

 1333

 16767487

 543

 16774911

 2

 0

 7223734

 7223734

■ 6563766

■ 7883702

■ 5838262

■ 8609206

■ 5178038

■ 9269430

■ 5046454

■ 9994934

■ 10654902

■ 11380406

■ 12040374

■ 12766134

■ 13426102

# Harmonies

## Analogous

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



22994



7223734



11272322

# Triad

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



7223734



9127168



28524

# Complementary

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



7223734



8500793

# 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.



27947



7223734



5856256

# Square

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



7223734



11473925



26624



28582

# Rectangle

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



7223734



12255322



26624



28503



# Sweetspot

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



7223734



13679597



3769014



6773368



16250871



7895160



# Same Dimension

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



7223734



8203245



11286966



5722972



4325532



786460



# Inverse Universe

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



11942273



15543195



4437561



6050648



10223706

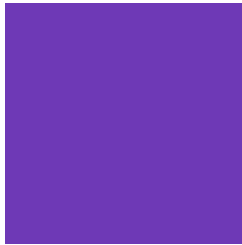


1835024



# Previews

## White Background



This preview shows how the Decimal color 7223734 looks on a white background.

## Color Contrast Check

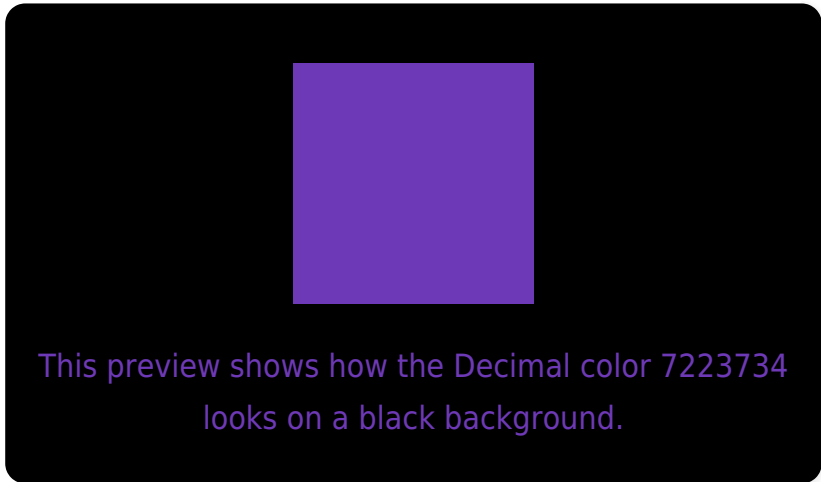
Large Text (above 18pt) WCAG AA ✓ Pass

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

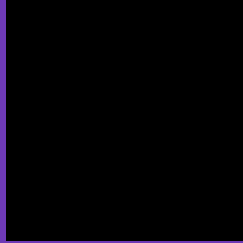
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 7223734 Background



This preview shows how black text looks on a background with the Decimal color 7223734.

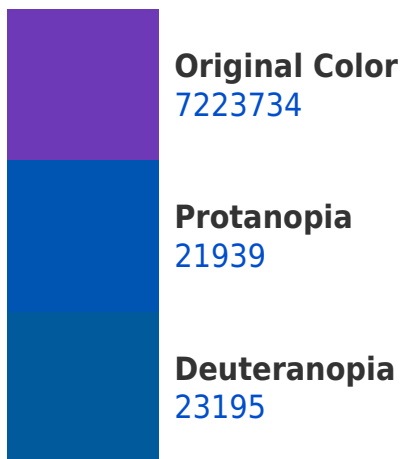


This preview shows how white text looks on a background with the Decimal color 7223734.

# 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





# Trichromacy



**Original Color**

7223734



**Protanomaly**

2640820



**Deuteranomaly**

2641573



**Tritanomaly**

6376317

# Monochromacy



**Original Color**

7223734



**Achromatopsia**

5723991



**Achromatomaly**

6245498

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7223734 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 #6E39B6 looks like.

```
.text, #text, p{  
    color:#6E39B6  
}
```

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 #6E39B6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6E39B6
}
```

## Border

The CSS property to change the border of an element to Decimal 7223734 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
#6E39B6 }
```

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

```
.border{ border-color:#6E39B6 }
```

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

Here you see how a box with a 4 pixel #6E39B6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6E39B6; -webkit-box-shadow:4px 4px  
4px 4px #6E39B6; box-shadow:4px 4px 4px  
4px #6E39B6 }
```

# Background

The CSS property to change the background color of an element to Decimal 7223734 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6E39B6 }
```

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

```
.background{ background-color:#6E39B6 }
```

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