

# Converting Colors

Decimal(7034797)

Have a look what the booklet for  
Decimal(7034797) contains.

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# Color

**Decimal(7034797)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6B57AD
RGB	107, 87, 173
RGB Percent	42%, 34%, 68%
CMY	0.5804, 0.6588, 0.3216
CMYK	0.38, 0.50, 0.00, 0.32
HSL	254°, 34%, 51%
HSV	254°, 50%, 68%
XYZ	17.0144, 12.9593, 41.1398
YIQ	102.7840, -15.6860, 30.9860

# Conversions

## Conversions Part 2

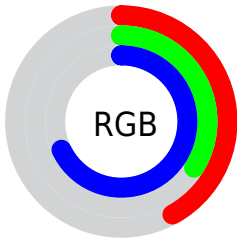
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	107, 87, 173
Decimal	7034797
CIE <sub>Lab</sub>	42.70, 28.77, -43.38
CIE <sub>LCh</sub>	43, 52.049, 303.552
Yxy	12.9593, 0.2393, 0.1822
Android (android.graphics.Color)	4285224877 (0xFF6B57AD)
YUV	102.7840, 34.6165, 3.6974
Hunter-Lab	35.9991, 21.3671, -42.5574

# Details

The Decimal color **7034797** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **10071383**, and the grayscale version is **6710886**.

A 20% lighter version of the original color is **10586597**, and **3549560** is the 20% darker color. If you saturate the color by 10%, you get **6178477**, and if you desaturate by 10%, it is **7891117**.

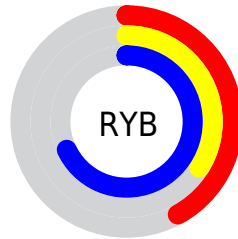
# Distribution



Red (42%)

Green (34%)

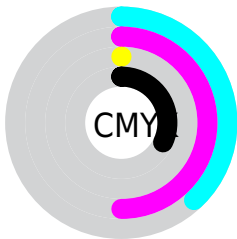
Blue (68%)



Red (42%)

Yellow (34%)

Blue (68%)

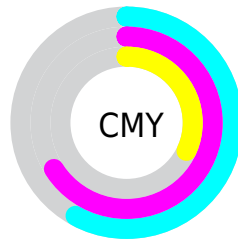


Cyan (38%)

Magenta (50%)

Yellow (0%)

Black (32%)



Cyan (58%)

Magenta (66%)

Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7034797 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 7034797 by changing the saturation by 10% instead.



7034797

7034797

16777215

5259154

10586597

3549560

12428543

1643615

14335999

71

16243711

1071

16775167

281

0

7034797

7034797

6178477

7891117

5256365

8813229

4400045

9669549

3543725

10525869

2687405

11382445

2621613

12304301

13160621

14016941

14873517

# Harmonies

## Analogous

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



26811



7034797



10240908

# Triad

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



7034797



9917458



31081

# Complementary

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



7034797



10071383

# 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.



30268



7034797



7693568

# Square

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



7034797



11354424



4747282



30867

# Rectangle

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



7034797



11286896



4747282



30810



# Sweetspot

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



7034797



13090784



5741229



6380656



15790320



7368816



# Same Dimension

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



7034797



7953120



9787309



5262935



2293910



327703



# Inverse Universe

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



11360153



14703297



7318871



5721685



9830515



1507346



# Previews

## White Background



This preview shows how the Decimal color 7034797 looks on a white background.

## Color Contrast Check

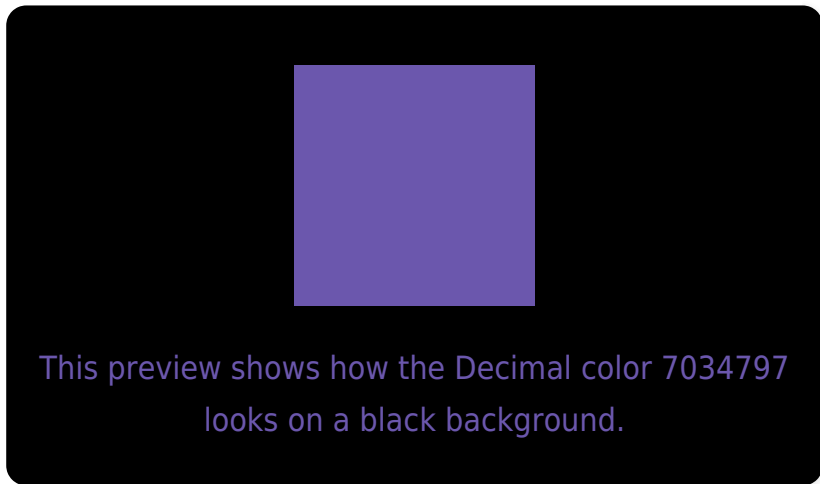
Large Text (above 18pt) WCAG AA ✓ Pass

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 7034797 Background



This preview shows how black text looks on a background with the Decimal color 7034797.



This preview shows how white text looks on a background with the Decimal color 7034797.

# 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**  
6121070

# Trichromacy



**Original Color**  
7034797

**Protanomaly**  
5004980

**Deuteranomaly**  
4809131

**Tritanomaly**  
6447493

# Monochromacy



**Original Color**  
7034797

**Achromatopsia**  
6776679

**Achromatomaly**  
6840704

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7034797 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 #6B57AD looks like.

```
.text, #text, p{  
    color:#6B57AD  
}
```

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 #6B57AD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B57AD
}
```

## Border

The CSS property to change the border of an element to Decimal 7034797 is called "border". The border property can be set on classes, ids or directly on the HTML element.

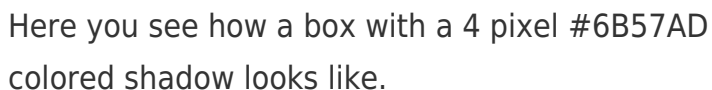
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6B57AD }
```

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

```
.border{ border-color:#6B57AD }
```

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



Here you see how a box with a 4 pixel #6B57AD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B57AD; -webkit-box-shadow:4px 4px  
4px 4px #6B57AD; box-shadow:4px 4px 4px  
4px #6B57AD }
```

# Background

The CSS property to change the background color of an element to Decimal 7034797 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B57AD }
```

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

```
.background{ background-color:#6B57AD }
```

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](#).



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