

# Converting Colors

Decimal(7087272)

Have a look what the booklet for  
Decimal(7087272) contains.

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**Color**

**Decimal(7087272)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6C24A8
RGB	108, 36, 168
RGB Percent	42%, 14%, 66%
CMY	0.5765, 0.8588, 0.3412
CMYK	0.36, 0.79, 0.00, 0.34
HSL	273°, 65%, 40%
HSV	273°, 79%, 66%
XYZ	13.8831, 7.2771, 37.7187
YIQ	72.5760, 0.5400, 56.3160

# Conversions

## Conversions Part 2

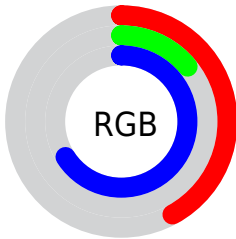
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	108, 36, 168
Decimal	7087272
CIE <sub>Lab</sub>	32.43, 54.57, -56.96
CIE <sub>LCh</sub>	32, 78.887, 313.772
Yxy	7.2771, 0.2358, 0.1236
Android (android.graphics.Color)	4285277352 (0xFF6C24A8)
YUV	72.5760, 47.0440, 31.0668
Hunter-Lab	26.9760, 44.6563, -64.0179

# Details

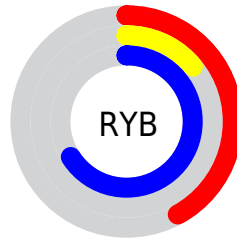
The Decimal color **7087272** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **6334500**, and the grayscale version is **4737096**.

A 20% lighter version of the original color is **10770912**, and **3342451** is the 20% darker color. If you saturate the color by 10%, you get **6558632**, and if you desaturate by 10%, it is **7615912**.

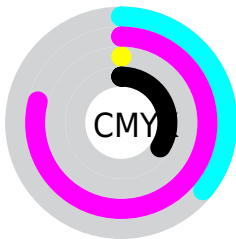
# Distribution



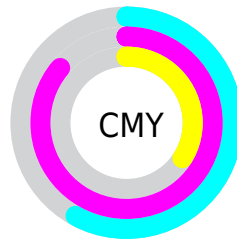
- Red (42%)
- Green (14%)
- Blue (66%)



- Red (42%)
- Yellow (14%)
- Blue (66%)



- Cyan (36%)
- Magenta (79%)
- Yellow (0%)
- Black (34%)



- Cyan (58%)
- Magenta (86%)
- Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7087272 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 7087272 by changing the saturation by 10% instead.



 7087272

 7087272

16777215

 5243021

 10770912

 3342451

 12678397

 1376345

 14651391

 65

 16558847

 810

 16762623

 276


 16770047

 0

 7087272

 7087272

 6558632

 7615912

■ 6095528

■ 8079016

■ 6029480

■ 8607400

■ 9136040

■ 9599144

■ 10127784

■ 10590888

■ 11119272

■ 11647912

# Harmonies

## Analogous

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



19656



7087272



10813553

# Triad

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



7087272



7945472



25449

# Complementary

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



7087272



6334500

# 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.



24870



7087272



4477696

# Square

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



7087272



10485760



23808



25507

# Rectangle

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



7087272



11599944



23808



25427



# Sweetspot

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



7087272



12822491



2384552



6245998



15592941



7237230



# Same Dimension

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



7087272



8261083



11019428



5262420



5308564



720916



# Inverse Universe

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



11019360



14355819



2402344



5524560



9699395

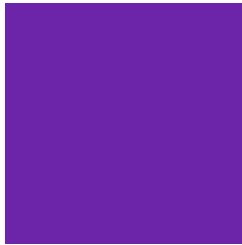


1310729



# Previews

## White Background



This preview shows how the Decimal color 7087272 looks on a white background.

## Color Contrast Check

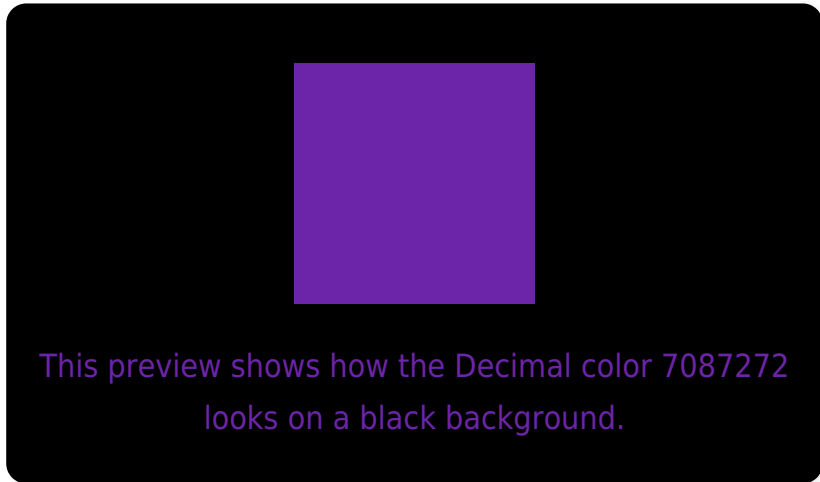
Large Text (above 18pt) WCAG AA ✓ Pass

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

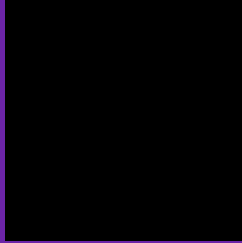
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 7087272 Background



This preview shows how black text looks on a background with the Decimal color 7087272.

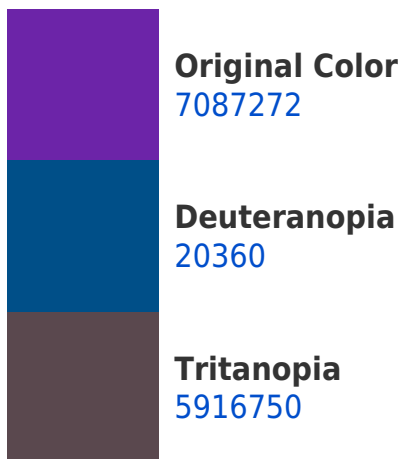


This preview shows how white text looks on a background with the Decimal color 7087272.

# 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**  
7087272

**Deuteranomaly**  
2572180

**Tritanomaly**  
6372207

# Monochromacy



**Original Color**  
7087272

**Achromatopsia**  
4802889

**Achromatomaly**  
5651564

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7087272 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 #6C24A8 looks like.

```
.text, #text, p{  
    color:#6C24A8  
}
```

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 #6C24A8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6C24A8
}
```

## Border

The CSS property to change the border of an element to Decimal 7087272 is called "border". The border property can be set on classes, ids or directly on the HTML element.

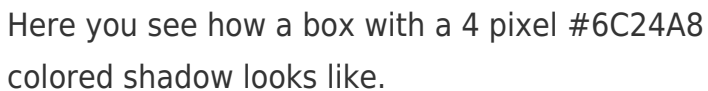
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6C24A8 }
```

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

```
.border{ border-color:#6C24A8 }
```

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



Here you see how a box with a 4 pixel #6C24A8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6C24A8; -webkit-box-shadow:4px 4px  
4px 4px #6C24A8; box-shadow:4px 4px 4px  
4px #6C24A8 }
```

# Background

The CSS property to change the background color of an element to Decimal 7087272 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6C24A8 }
```

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

```
.background{ background-color:#6C24A8 }
```

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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