

# Converting Colors

Decimal(7012469)

Have a look what the booklet for  
Decimal(7012469) contains.

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**Color**

**Decimal(7012469)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6B0075
RGB	107, 0, 117
RGB Percent	42%, 0%, 46%
CMY	0.5804, 1.0000, 0.5412
CMYK	0.09, 1.00, 0.00, 0.54
HSL	295°, 100%, 23%
HSV	295°, 100%, 46%
XYZ	9.2743, 4.4102, 17.1921
YIQ	45.3310, 26.2150, 59.0710

# Conversions

## Conversions Part 2

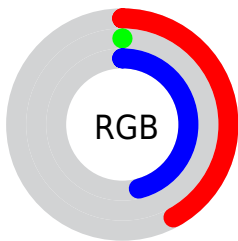
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	107, 0, 117
Decimal	7012469
CIE <sub>Lab</sub>	24.98, 53.54, -37.44
CIE <sub>LCh</sub>	25, 65.327, 325.035
Yxy	4.4102, 0.3004, 0.1428
Android (android.graphics.Color)	4285202549 (0xFF6B0075)
YUV	45.3310, 35.3328, 54.0837
Hunter-Lab	21.0004, 42.0794, -33.8378

# Details

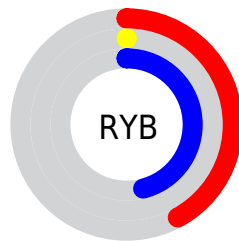
The Decimal color **7012469** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **685312**, and the grayscale version is **2960685**.

A 20% lighter version of the original color is **10634154**, and **3604548** is the 20% darker color. If you saturate the color by 10%, you get **7012469**, and if you desaturate by 10%, it is **7081077**.

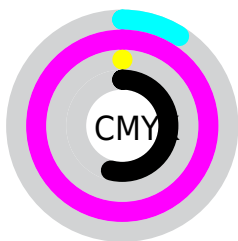
# Distribution



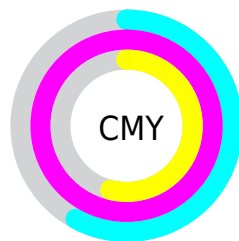
- Red (42%)
- Green (0%)
- Blue (46%)



- Red (42%)
- Yellow (0%)
- Blue (46%)



- Cyan (9%)
- Magenta (100%)
- Yellow (0%)
- Black (54%)



- Cyan (58%)
- Magenta (100%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7012469 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 7012469 by changing the saturation by 10% instead.



 7012469

 7012469

16777215

 5242972

 10634154

 3604548

 12475845

 1966125

 14383330

 279

 16291070

 0

 16756735

 16764159

 16771583

 7012469

■ 7081077

■ 7149429

■ 7218037

■ 7286645

■ 7355253

■ 7423605

■ 7492213

■ 7560821

■ 7629173

# Harmonies

## Analogous

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



12951



7012469



8978502

# Triad

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



7012469



5322496



20068

# Complementary

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



7012469



685312

# 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.



19761



7012469



2049024

# Square

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



7012469



7608832



18944



19853

# Rectangle

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



7012469



9175078



18944



20052



# Sweetspot

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



7012469



9792409



3189



4862285



13421772



5066061



# Same Dimension

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



7012469



9175193



7667782



3814715



7340154



15007994



# Inverse Universe

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



7667722



10027021



29999



3880245



7995402



16384021



# Previews

## White Background



This preview shows how the Decimal color 7012469 looks on a white background.

## Color Contrast Check

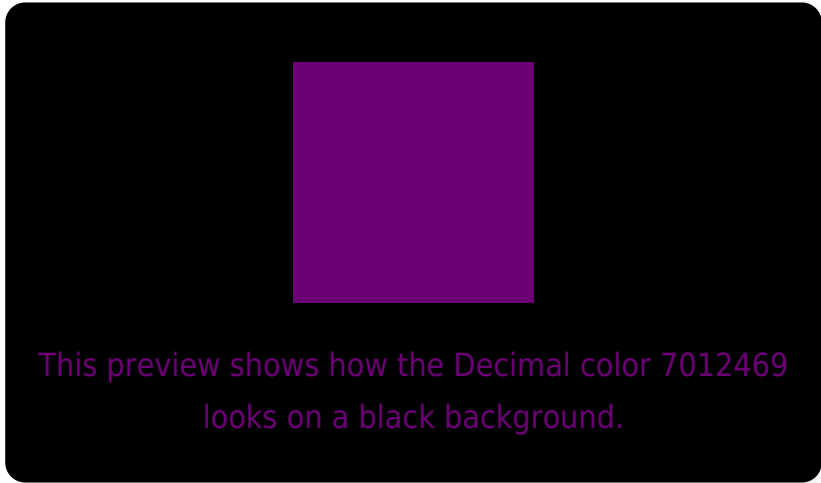
Large Text (above 18pt) WCAG AA ✓ Pass

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

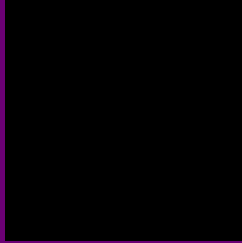
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 7012469 Background



This preview shows how black text looks on a background with the Decimal color 7012469.

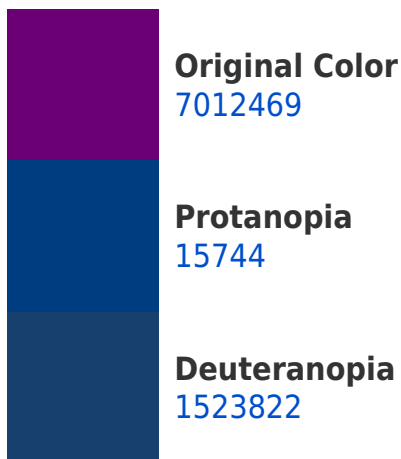



This preview shows how white text looks on a background with the Decimal color 7012469.

# 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**  
6499889

# Trichromacy



**Original Color**  
7012469

**Protanomaly**  
2566012

**Deuteranomaly**  
3549553

**Tritanomaly**  
6692170

# Monochromacy



**Original Color**  
7012469

**Achromatopsia**  
2960685

**Achromatomaly**  
4463943

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7012469 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 #6B0075 looks like.

```
.text, #text, p{  
    color:#6B0075  
}
```

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 #6B0075 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B0075
}
```

## Border

The CSS property to change the border of an element to Decimal 7012469 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".

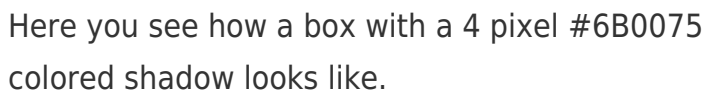
```
.border, #border, table{ border:4px solid
#6B0075 }
```

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

```
.border{ border-color:#6B0075 }
```

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

Here you see how a box with a 4 pixel #6B0075 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B0075; -webkit-box-shadow:4px 4px  
4px 4px #6B0075; box-shadow:4px 4px 4px  
4px #6B0075 }
```

# Background

The CSS property to change the background color of an element to Decimal 7012469 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B0075 }
```

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

```
.background{ background-color:#6B0075 }
```

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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