

# Converting Colors

Decimal(7226269)

Have a look what the booklet for  
Decimal(7226269) contains.

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# Color

**Decimal(7226269)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6E439D
RGB	110, 67, 157
RGB Percent	43%, 26%, 62%
CMY	0.5686, 0.7373, 0.3843
CMYK	0.30, 0.57, 0.00, 0.38
HSL	269°, 40%, 44%
HSV	269°, 57%, 62%
XYZ	14.5234, 9.7636, 33.0174
YIQ	90.1170, -3.2620, 37.1060

# Conversions

## Conversions Part 2

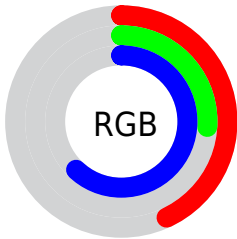
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	110, 67, 157
Decimal	7226269
CIE <sub>Lab</sub>	37.41, 37.07, -42.27
CIE <sub>LCh</sub>	37, 56.225, 311.251
Yxy	9.7636, 0.2534, 0.1704
Android (android.graphics.Color)	4285416349 (0xFF6E439D)
YUV	90.1170, 32.9733, 17.4374
Hunter-Lab	31.2468, 28.2840, -40.7769

# Details

The Decimal color **7226269** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **7511363**, and the grayscale version is **5921370**.

A 20% lighter version of the original color is **10778068**, and **3806057** is the 20% darker color. If you saturate the color by 10%, you get **6697885**, and if you desaturate by 10%, it is **7754653**.

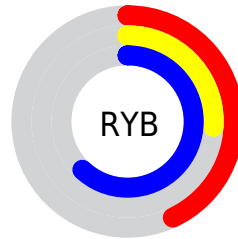
# Distribution



Red (43%)

Green (26%)

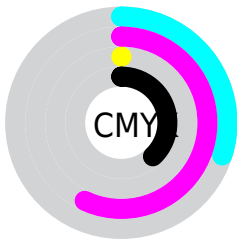
Blue (62%)



Red (43%)

Yellow (26%)

Blue (62%)

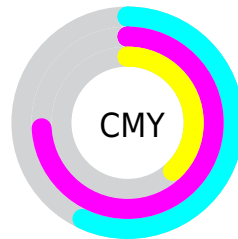


Cyan (30%)

Magenta (57%)

Yellow (0%)

Black (38%)



Cyan (57%)

Magenta (74%)

Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7226269 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 7226269 by changing the saturation by 10% instead.



■ 7226269

■ 7226269

16777215

■ 5516163

■ 10778068

■ 3806057

■ 12619761

■ 2031696

■ 14527231

■ 327737

■ 16434687

■ 546

■ 16769791

■ 8

16776959

■ 0

■ 7226269

■ 7226269

■ 6697885

■ 7754653

6169757

8282781

5575837

8876701

5047453

9405085

4915357

9933469

10461597

10989981

11583901

12112029

# Harmonies

## Analogous

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



22706



7226269



10037878

# Triad

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



7226269



8538880



27753

# Complementary

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



7226269



7511363

# 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.



27193



7226269



6052608

# Square

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



7226269



10302749



2516227



27539

# Rectangle

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



7226269



10821720



2516227



27737



# Sweetspot

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



7226269



12233164



4420509



5984870



15132390



6710886



# Same Dimension

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



7226269



8536012



10109853



4933455



4456591



458767



# Inverse Universe

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



10306418



13385609



4627779



5195595



9371723

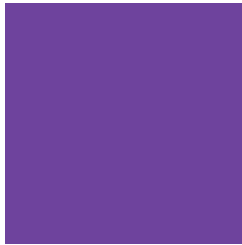


983048



# Previews

## White Background



This preview shows how the Decimal color 7226269 looks on a white background.

## Color Contrast Check

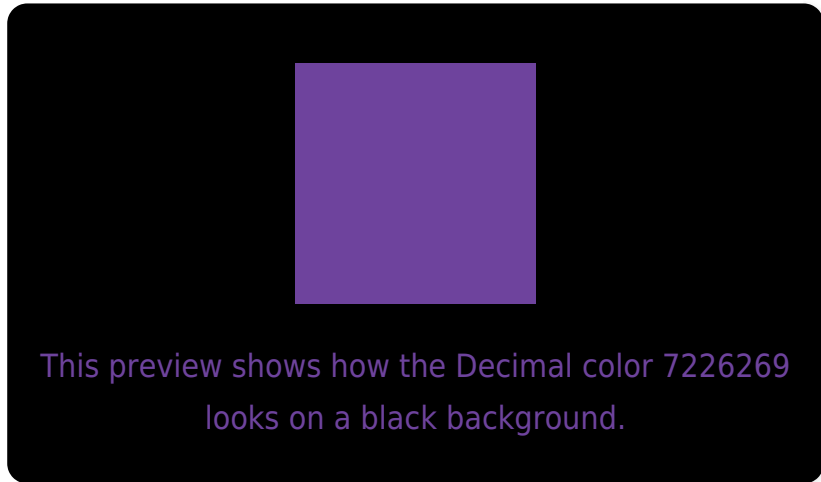
Large Text (above 18pt) WCAG AA ✓ Pass

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

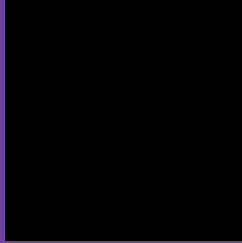
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 7226269 Background



This preview shows how black text looks on a background with the Decimal color 7226269.



This preview shows how white text looks on a background with the Decimal color 7226269.

# 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**  
6444379

# Trichromacy



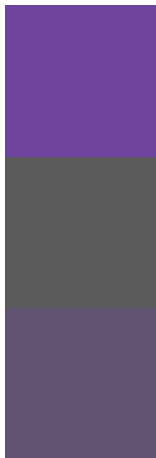
**Original Color**  
7226269

**Protanomaly**  
3821225

**Deuteranomaly**  
4280730

**Tritanomaly**  
6704755

# Monochromacy



**Original Color**  
7226269

**Achromatopsia**  
5921370

**Achromatomaly**  
6378098

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7226269 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 #6E439D looks like.

```
.text, #text, p{  
    color:#6E439D  
}
```

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 #6E439D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6E439D
}
```

## Border

The CSS property to change the border of an element to Decimal 7226269 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
#6E439D }
```

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

```
.border{ border-color:#6E439D }
```

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

Here you see how a box with a 4 pixel #6E439D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6E439D; -webkit-box-shadow:4px 4px  
4px 4px #6E439D; box-shadow:4px 4px 4px  
4px #6E439D }
```

# Background

The CSS property to change the background color of an element to Decimal 7226269 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6E439D }
```

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

```
.background{ background-color:#6E439D }
```

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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