

# Converting Colors

Decimal(7227001)

Have a look what the booklet for  
Decimal(7227001) contains.

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# Color

**Decimal(7227001)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6E4679
RGB	110, 70, 121
RGB Percent	43%, 27%, 47%
CMY	0.5686, 0.7255, 0.5255
CMYK	0.09, 0.42, 0.00, 0.53
HSL	287°, 27%, 37%
HSV	287°, 42%, 47%
XYZ	12.0718, 9.0758, 19.2047
YIQ	87.7740, 7.4690, 24.3410

# Conversions

## Conversions Part 2

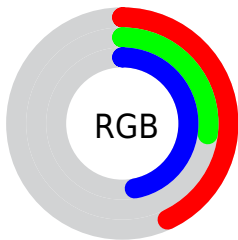
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	110, 70, 121
Decimal	7227001
CIE <sub>Lab</sub>	36.13, 26.63, -22.28
CIE <sub>LCh</sub>	36, 34.726, 320.083
Yxy	9.0758, 0.2992, 0.2249
Android (android.graphics.Color)	4285417081 (0xFF6E4679)
YUV	87.7740, 16.3804, 19.4922
Hunter-Lab	30.1261, 18.8058, -16.7079

# Details

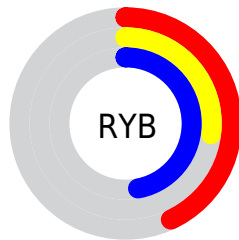
The Decimal color **7227001** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **5339462**, and the grayscale version is **5789784**.

A 20% lighter version of the original color is **10713006**, and **4003912** is the 20% darker color. If you saturate the color by 10%, you get **7027321**, and if you desaturate by 10%, it is **7426681**.

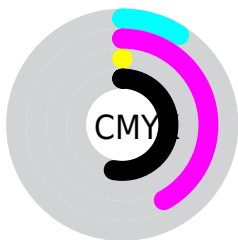
# Distribution



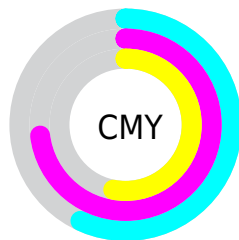
- Red (43%)
- Green (27%)
- Blue (47%)



- Red (43%)
- Yellow (27%)
- Blue (47%)



- Cyan (9%)
- Magenta (42%)
- Yellow (0%)
- Black (53%)



- Cyan (57%)
- Magenta (73%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7227001 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 7227001 by changing the saturation by 10% instead.



7227001

7227001

16777215

5582688

10713006

4003912

12489161

2490929

14331109

524316

16238847

0

16770303

7227001

7227001

7027321

7426681

6893177

7560825

6693497

7760505

6559353

7894649

6359417

8094585

6226041

8294265

8428409

8628089

8762233

# Harmonies

## Analogous

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



4673929



7227001



8600927

# Triad

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



7227001



7098396



25447

# Complementary

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



7227001



5339462

# 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.



25162



7227001



5396765

# Square

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



7227001



8406571



3235632



24703

# Rectangle

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



7227001



8928333



3235632



25438



# Sweetspot

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



7227001



10128030



4608377



4997711



13619151



5197647



# Same Dimension

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



7227001



9260446



7947883



3946301



6422653



12976380



# Inverse Universe

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



7947857



10374495



4618580



4011832



8192027

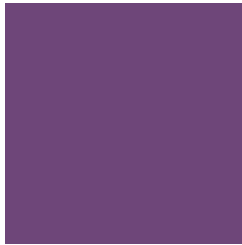


16515126



# Previews

## White Background



This preview shows how the Decimal color 7227001 looks on a white background.

## Color Contrast Check

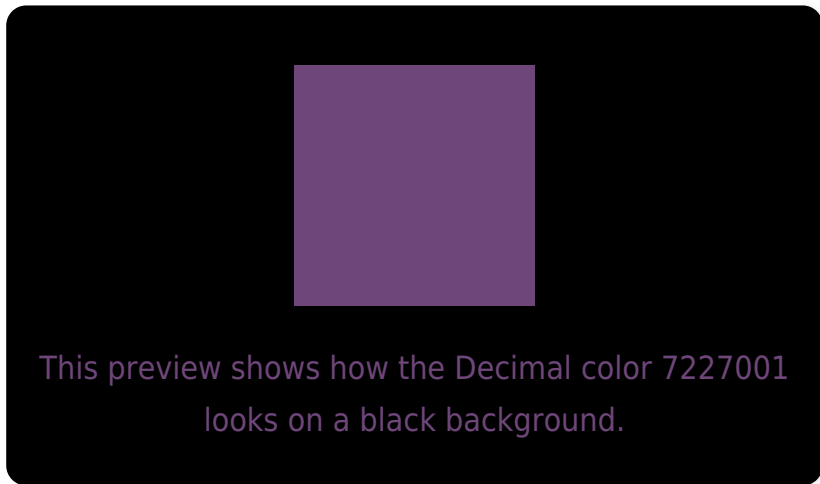
Large Text (above 18pt) WCAG AA ✓ Pass

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

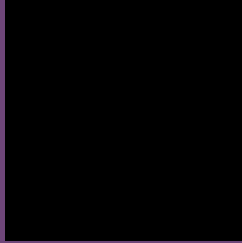
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 7227001 Background



This preview shows how black text looks on a background with the Decimal color 7227001.




This preview shows how white text looks on a background with the Decimal color 7227001.

# 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**  
6901332

# Trichromacy



**Original Color**  
7227001

**Protanomaly**  
5459840

**Deuteranomaly**  
5721975

**Tritanomaly**  
7031649

# Monochromacy



**Original Color**  
7227001

**Achromatopsia**  
5789784

**Achromatomaly**  
6312292

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7227001 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 #6E4679 looks like.

```
.text, #text, p{  
    color:#6E4679  
}
```

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 #6E4679 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6E4679
}
```

## Border

The CSS property to change the border of an element to Decimal 7227001 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
#6E4679 }
```

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

```
.border{ border-color:#6E4679 }
```

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

Here you see how a box with a 4 pixel #6E4679 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6E4679; -webkit-box-shadow:4px 4px  
4px 4px #6E4679; box-shadow:4px 4px 4px  
4px #6E4679 }
```

# Background

The CSS property to change the background color of an element to Decimal 7227001 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6E4679 }
```

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

```
.background{ background-color:#6E4679 }
```

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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