

# Converting Colors

Decimal(7143646)

Have a look what the booklet for  
Decimal(7143646) contains.

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**Color**

**Decimal(7143646)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6D00DE
RGB	109, 0, 222
RGB Percent	43%, 0%, 87%
CMY	0.5725, 1.0000, 0.1294
CMYK	0.51, 1.00, 0.00, 0.13
HSL	269°, 100%, 44%
HSV	269°, 100%, 87%
XYZ	19.4915, 8.5251, 69.7254
YIQ	57.8990, -6.2980, 92.1500

# Conversions

## Conversions Part 2

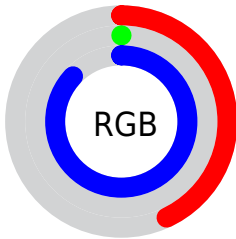
<b>Format</b>	<b>Color</b>
<b>RYB</b>	109, 0, 222
Decimal	7143646
CIELab	35.05, 74.80, -84.36
CIELCh	35, 112.746, 311.559
Yxy	8.5251, 0.1994, 0.0872
Android (android.graphics.Color)	4285333726 (0xFF6D00DE)
YUV	57.8990, 80.9018, 44.8156
Hunter-Lab	29.1978, 68.0644, -121.1481

# Details

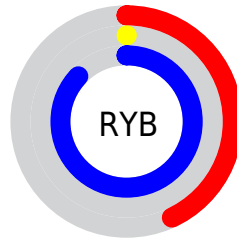
The Decimal color **7143646** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed purple. A complement of this color would be **7462400**, and the grayscale version is **3750201**.

A 20% lighter version of the original color is **11226623**, and **2228389** is the 20% darker color. If you saturate the color by 10%, you get **7143646**, and if you desaturate by 10%, it is **7870174**.

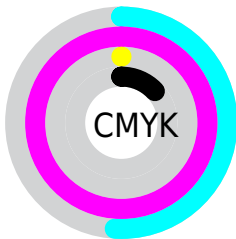
# Distribution



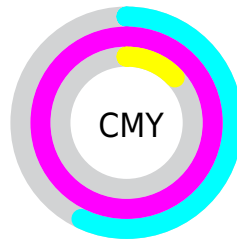
- Red (43%)
- Green (0%)
- Blue (87%)



- Red (43%)
- Yellow (0%)
- Blue (87%)



- Cyan (51%)
- Magenta (100%)
- Yellow (0%)
- Black (13%)






















- Cyan (57%)
- Magenta (100%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7143646 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 7143646 by changing the saturation by 10% instead.



 7143646	 7143646
 16777215	 4980929
 11226623	 2228389
 13265407	 138
 15304191	 111
 16753151	 1110
 16760575	 1597
 16767999	 807
 16775679	 272
	 0

■ 7143646

■ 7870174

■ 8662238

■ 9389022

■ 10115550

■ 10842078

■ 11634142

■ 12360670

■ 13087454

■ 13879518

# Harmonies

## Analogous

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



23039



7143646



13369486

# Triad

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



7143646



9451008



28533

# Complementary

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



7143646



7462400

# 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.



27661



7143646



4545024

# Square

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



7143646



12976128



26624



29132

# Rectangle

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



7143646



14614611



26624



28245



# Sweetspot

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



7143646



14201855



29662



6836864



0



8421504



# Same Dimension

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



7143646



8192255



14287070



6972784



5636272



1572912



# Inverse Universe

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



14549105



16711810



318976



7365995



11534426



3145753



# Previews

## White Background



This preview shows how the Decimal color 7143646 looks on a white background.

## Color Contrast Check

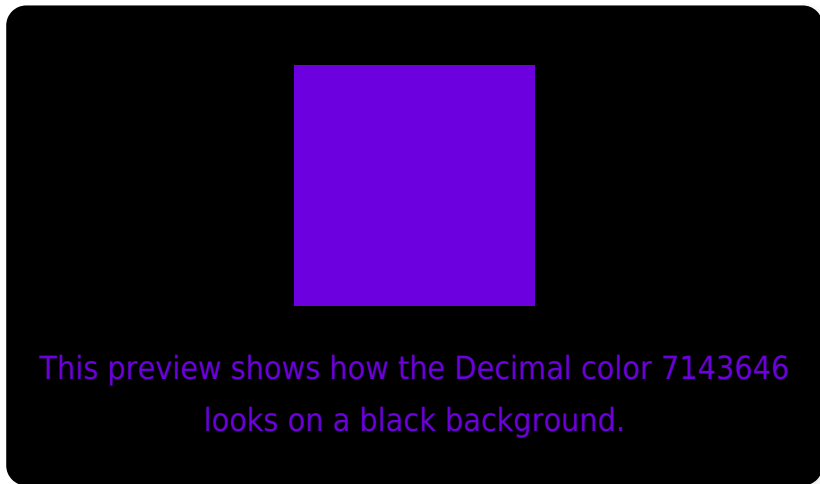
Large Text (above 18pt) WCAG AA ✓ Pass

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

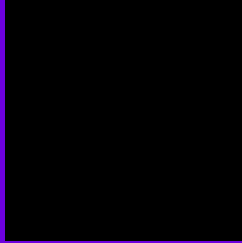
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 7143646 Background



This preview shows how black text looks on a background with the Decimal color 7143646.

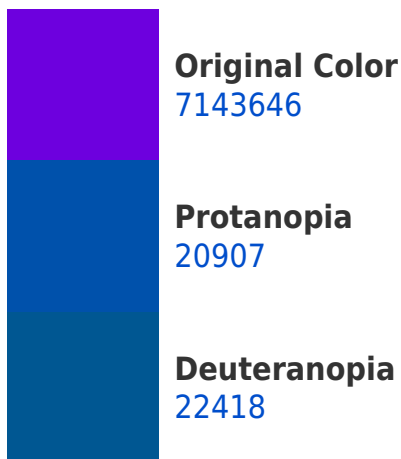


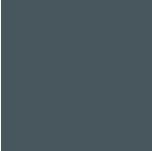
This preview shows how white text looks on a background with the Decimal color 7143646.

# 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**  
4740701

# Trichromacy



**Original Color**

7143646



**Protanomaly**

2634942



**Deuteranomaly**

2635694



**Tritanomaly**

5584780

# Monochromacy



**Original Color**

7143646



**Achromatopsia**

3815994



**Achromatomaly**

5055862

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7143646 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 #6D00DE looks like.

```
.text, #text, p{  
    color:#6D00DE  
}
```

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 #6D00DE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D00DE
}
```

## Border

The CSS property to change the border of an element to Decimal 7143646 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".

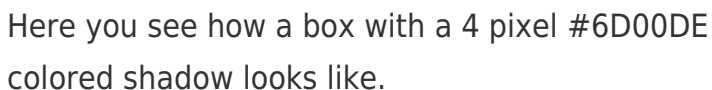
```
.border, #border, table{ border:4px solid
#6D00DE }
```

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

```
.border{ border-color:#6D00DE }
```

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

Here you see how a box with a 4 pixel #6D00DE colored shadow looks like.

A rectangular box with a thick purple border and a purple shadow. The shadow is visible on the right and bottom edges of the box, creating a 3D effect. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #6D00DE colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D00DE; -webkit-box-shadow:4px 4px  
4px 4px #6D00DE; box-shadow:4px 4px 4px  
4px #6D00DE }
```

# Background

The CSS property to change the background color of an element to Decimal 7143646 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D00DE }
```

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

```
.background{ background-color:#6D00DE }
```

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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