

# Converting Colors

Decimal(6949573)

Have a look what the booklet for  
Decimal(6949573) contains.

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**Color**

**Decimal(6949573)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6A0AC5
RGB	106, 10, 197
RGB Percent	42%, 4%, 77%
CMY	0.5843, 0.9608, 0.2275
CMYK	0.46, 0.95, 0.00, 0.23
HSL	271°, 90%, 41%
HSV	271°, 95%, 77%
XYZ	16.1304, 7.3125, 53.3846
YIQ	60.0220, -2.8110, 78.5090

# Conversions

## Conversions Part 2

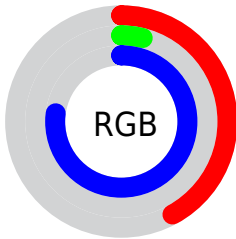
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	106, 10, 197
Decimal	6949573
CIE Lab	32.51, 67.74, -74.07
CIE LCh	33, 100.376, 312.443
Yxy	7.3125, 0.2100, 0.0952
Android (android.graphics.Color)	4285139653 (0xFF6A0AC5)
YUV	60.0220, 67.5302, 40.3227
Hunter-Lab	27.0416, 59.1534, -98.1193

# Details

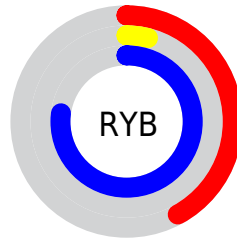
The Decimal color **6949573** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed purple. A complement of this color would be **6669578**, and the grayscale version is **3881787**.

A 20% lighter version of the original color is **10898943**, and **2621582** is the 20% darker color. If you saturate the color by 10%, you get **6619333**, and if you desaturate by 10%, it is **7610053**.

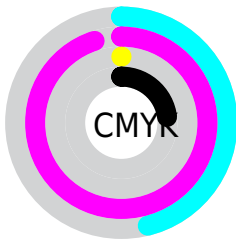
# Distribution



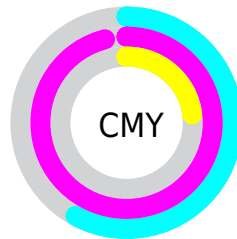
- Red (42%)
- Green (4%)
- Blue (77%)



- Red (42%)
- Yellow (4%)
- Blue (77%)



- Cyan (46%)
- Magenta (95%)
- Yellow (0%)
- Black (23%)



- Cyan (58%)
- Magenta (96%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6949573 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 6949573 by changing the saturation by 10% instead.



 6949573

 6949573

16777215

 4915369

 10898943

 2621582

 12872191

 115

 14845183

 89

 16752895

 1857

 16760063

 810

 16767487

 276

 16775167

 0

 6949573

 6949573

6619333

7610053

8204741

8865221

9460165

10120645

10780869

11375813

12036293

12630981

# Harmonies

## Analogous

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



20718



6949573



12124286

# Triad

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



6949573



8598784



26221

# Complementary

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



6949573



6669578

# 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.



25621



6949573



4150272

# Square

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



6949573



11665408



24576



26809

# Rectangle

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



6949573



13172811



24576



26194



# Sweetspot

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



6949573



14465279



682181



6968448



0



8421504



# Same Dimension

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



6949573



8585471



12913349



6249059



5505187



1179684



# Inverse Universe

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



12913253



16711804



705802



6511198



10682447

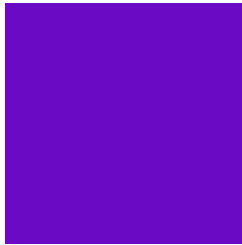


2359313



# Previews

## White Background



This preview shows how the Decimal color 6949573 looks on a white background.

## Color Contrast Check

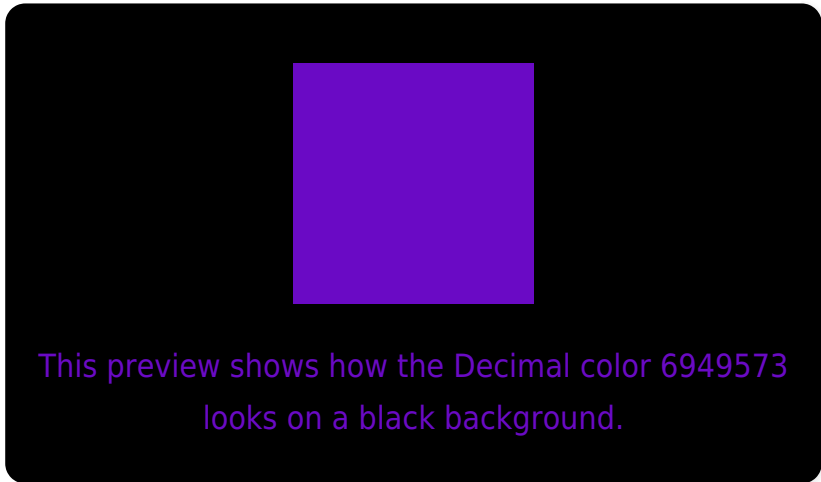
Large Text (above 18pt) WCAG AA ✓ Pass

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

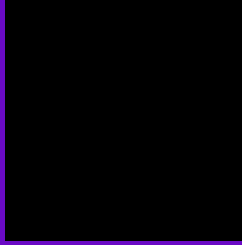
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 6949573 Background



This preview shows how black text looks on a background with the Decimal color 6949573.

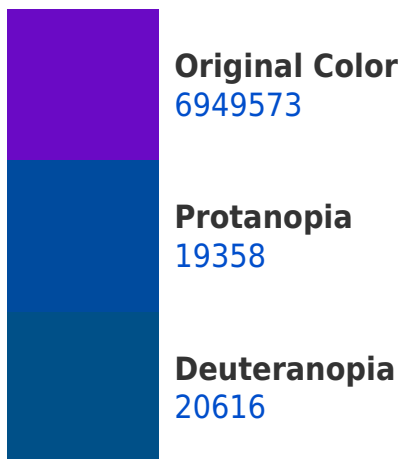



This preview shows how white text looks on a background with the Decimal color 6949573.

# 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



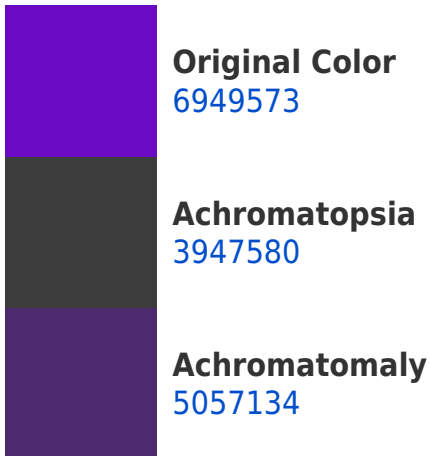


**Tritanopia**  
5131603

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6949573 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 #6A0AC5 looks like.

```
.text, #text, p{  
  color:#6A0AC5  
}
```

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 #6A0AC5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A0AC5
}
```

## Border

The CSS property to change the border of an element to Decimal 6949573 is called "border". The border property can be set on classes, ids or directly on the HTML element.

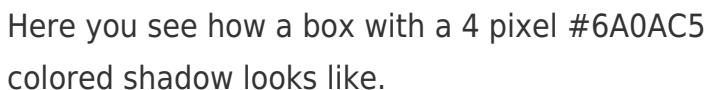
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6A0AC5 }
```

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

```
.border{ border-color:#6A0AC5 }
```

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



Here you see how a box with a 4 pixel #6A0AC5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A0AC5; -webkit-box-shadow:4px 4px  
4px 4px #6A0AC5; box-shadow:4px 4px 4px  
4px #6A0AC5 }
```

# Background

The CSS property to change the background color of an element to Decimal 6949573 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A0AC5 }
```

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

```
.background{ background-color:#6A0AC5 }
```

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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