

# Converting Colors

Decimal(4991613)

Have a look what the booklet for  
Decimal(4991613) contains.

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# Color

**Decimal(4991613)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4C2A7D
RGB	76, 42, 125
RGB Percent	30%, 16%, 49%
CMY	0.7020, 0.8353, 0.5098
CMYK	0.39, 0.66, 0.00, 0.51
HSL	265°, 50%, 33%
HSV	265°, 66%, 49%
XYZ	7.5101, 4.6731, 19.9082
YIQ	61.6280, -6.3790, 33.0210

# Conversions

## Conversions Part 2

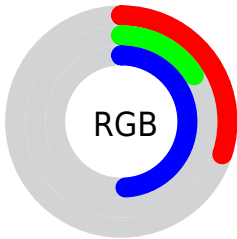
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	76, 42, 125
Decimal	4991613
CIE <sub>Lab</sub>	25.78, 34.46, -41.48
CIE <sub>LCh</sub>	26, 53.924, 309.720
Yxy	4.6731, 0.2340, 0.1456
Android (android.graphics.Color)	4283181693 (0xFF4C2A7D)
YUV	61.6280, 31.2424, 12.6042
Hunter-Lab	21.6173, 24.1827, -39.4702

# Details

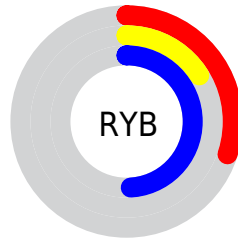
The Decimal color **4991613** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **5995818**, and the grayscale version is **4013373**.

A 20% lighter version of the original color is **8477362**, and **1507403** is the 20% darker color. If you saturate the color by 10%, you get **4529789**, and if you desaturate by 10%, it is **5453693**.

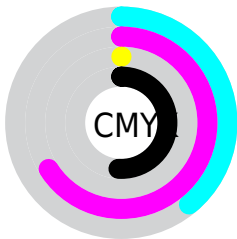
# Distribution



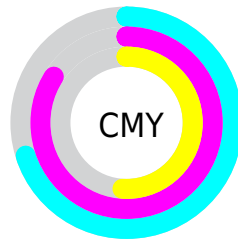
- Red (30%)
- Green (16%)
- Blue (49%)



- Red (30%)
- Yellow (16%)
- Blue (49%)



- Cyan (39%)
- Magenta (66%)
- Yellow (0%)
- Black (51%)



- Cyan (70%)
- Magenta (84%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 4991613 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 4991613 by changing the saturation by 10% instead.



4991613

4991613

16777215

3281764

8477362

1507403

10253262

52

12094955

542

13936639

0

15844351

16769023

16776447

4991613

4991613

■ 4529789

■ 5453693

■ 4002173

■ 5981053

■ 3540349

■ 6443133

■ 3342461

■ 6970493

■ 7432573

■ 7894397

■ 8422013

■ 8883837

■ 9345917

# Harmonies

## Analogous

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



16015



4991613



7734618

# Triad

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



4991613



6434816



20042

# Complementary

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



4991613



5995818

# 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.



19486



4991613



4210688

# Square

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



4991613



7935496



739328



19825

# Rectangle

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



4991613



8454207



739328



19772



# Sweetspot

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



4991613



9470883



2776189



4603474



13750737



5395026



# Same Dimension

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



4991613



5644707



7678589



3946816



3408000



0



# Inverse Universe

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



8202843



10690926



3308842



4208957



8388683

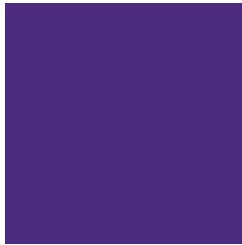


0



# Previews

## White Background



This preview shows how the Decimal color 4991613 looks on a white background.

## Color Contrast Check

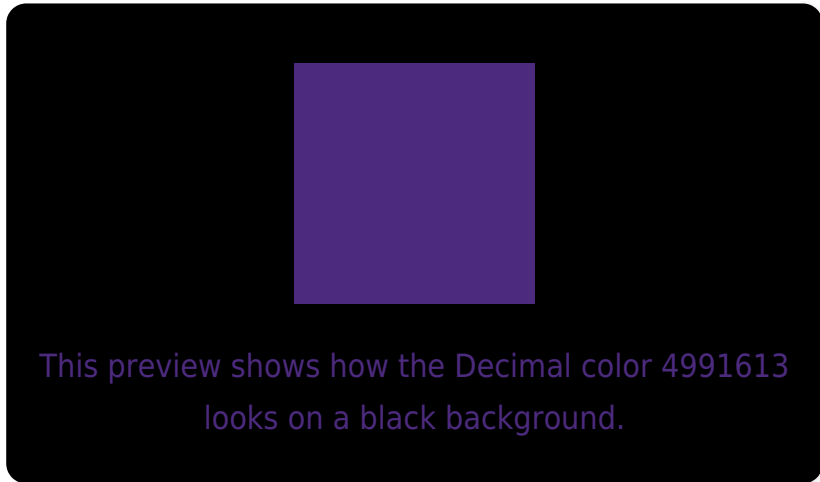
Large Text (above 18pt) WCAG AA ✓ Pass

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

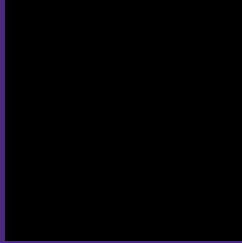
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 4991613 Background



This preview shows how black text looks on a background with the Decimal color 4991613.



This preview shows how white text looks on a background with the Decimal color 4991613.

# 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**  
4144449

# Trichromacy



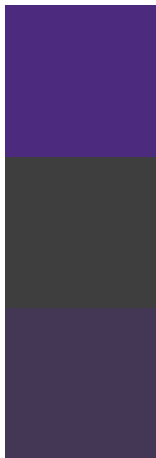
**Original Color**  
4991613

**Protanomaly**  
1848702

**Deuteranomaly**  
1849203

**Tritanomaly**  
4470359

# Monochromacy



**Original Color**  
4991613

**Achromatopsia**  
4079166

**Achromatomaly**  
4405077

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 4991613 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 #4C2A7D looks like.

```
.text, #text, p{  
    color:#4C2A7D  
}
```

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 #4C2A7D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C2A7D
}
```

## Border

The CSS property to change the border of an element to Decimal 4991613 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
#4C2A7D }
```

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

```
.border{ border-color:#4C2A7D }
```

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

Here you see how a box with a 4 pixel #4C2A7D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C2A7D; -webkit-box-shadow:4px 4px  
4px 4px #4C2A7D; box-shadow:4px 4px 4px  
4px #4C2A7D }
```

# Background

The CSS property to change the background color of an element to Decimal 4991613 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C2A7D }
```

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

```
.background{ background-color:#4C2A7D }
```

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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