

# Converting Colors

Android(4284874909)

Have a look what the booklet for  
Android(4284874909) contains.

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# Color

**Android(4284874909)**

# Conversions

Conversions Part 1	
Format	Color
Hex	66009D
RGB	102, 0, 157
RGB Percent	40%, 0%, 62%
CMY	0.6000, 1.0000, 0.3843
CMYK	0.35, 1.00, 0.00, 0.38
HSL	279°, 100%, 31%
HSV	279°, 100%, 62%
XYZ	11.5653, 5.2591, 32.3038
YIQ	48.3960, 10.3950, 70.4510

# Conversions

## Conversions Part 2

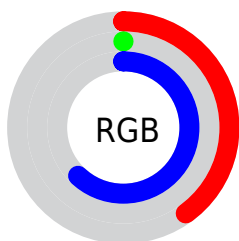
Format	Color
<a href="#">RYB</a>	<a href="#">102, 0, 157</a>
Decimal	<a href="#">6684829</a>
CIELab	<a href="#">27.46, 60.44, -58.46</a>
CIELCh	<a href="#">27, 84.084, 315.953</a>
Yxy	<a href="#">5.2591, 0.2354, 0.1070</a>
Android (android.graphics.Color)	<a href="#">4284874909</a> (0xFF66009D)
YUV	<a href="#">48.3960, 53.5418, 47.0107</a>
Hunter-Lab	<a href="#">22.9327, 49.8877, -67.4650</a>

# Details

The Android color **4284874909** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **4281834752**, and the grayscale version is **4281348144**.

A 20% lighter version of the original color is **4288628181**, and **4281073768** is the 20% darker color. If you saturate the color by 10%, you get **4284874909**, and if you desaturate by 10%, it is **4285206685**.

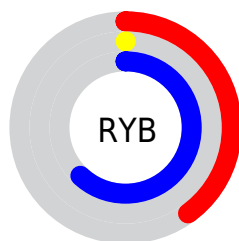
# Distribution



Red (40%)

Green (0%)

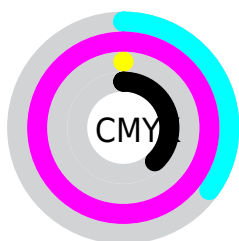
Blue (62%)



Red (40%)

Yellow (0%)

Blue (62%)

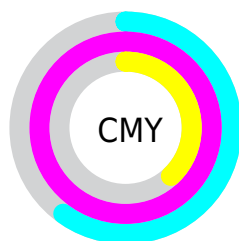


Cyan (35%)

Magenta (100%)

Yellow (0%)

Black (38%)



Cyan (60%)

Magenta (100%)

Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4284874909 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 Android color 4284874909 by changing the saturation by 10% instead.



 4284874909

 4284874909

4294967295

 4283039874

 4288628181

 4281073768

 4290535665

 4279042127

 4292443135

 4278190135

 4294416383

 4278190625

 4294947839

 4278190086

 4294955007

 4278190080

 4294962431

 4284874909

 4285206685

 4285603741

 4285935517

 4286332829

 4286664605

 4287061661

 4287393437

 4287790749

 4288187805

# Harmonies

## Analogous

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



4278206658



4284874909



4288479330

# Triad

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



4284874909



4285084416



4278212451

# Complementary

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



4284874909



4281834752

# 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.



4278211870



4284874909



4281288960

# Square

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



4284874909



4287692800



4278211072



4278212767

# Rectangle

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



4284874909



4289200184



4278211072



4278212173



# Sweetspot

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



4284874909



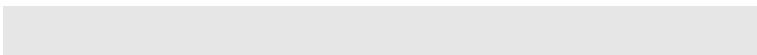
4290219980



4278205085



4284039526



4293322470



4284900966



# Same Dimension

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



4284874909



4286906572



4288479368



4283189071



4284285071



4278845455



# Inverse Universe

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



4288479287



4291559495



4278230293



4283385674



4287561778



4279173125



# Previews

## White Background



This preview shows how the Android color 4284874909 looks on a white background.

## Color Contrast Check

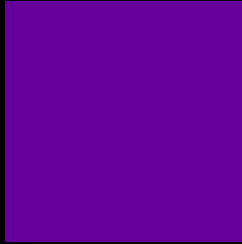
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



This preview shows how the Android color 4284874909 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

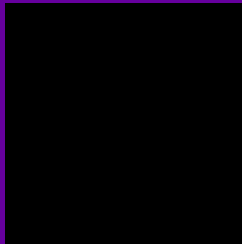
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Android 4284874909 Background



This preview shows how black text looks on a background with the Android color 4284874909.



This preview shows how white text looks on a background with the Android color 4284874909.

# 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



**Original Color**


4284874909

**Protanopia**

4278207114

**Deuteranopia**

4278208119

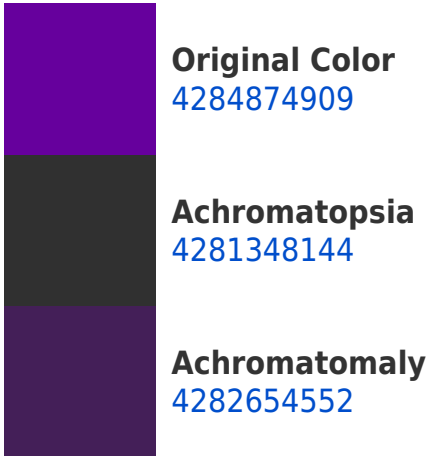


**Tritanopia**  
4283776322

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Android 4284874909 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 `rgb(102, 0, 157)` looks like.

```
.text, #text, p{  
    color:rgb(102, 0, 157)  
}
```

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 rgb(102, 0, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 0, 157) }
```

## Border

The CSS property to change the border of an element to Android 4284874909 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 rgb(102, 0, 157) }
```

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

```
.border{ border-color:rgb(102, 0, 157) }
```

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

Here you see how a box with a 4 pixel rgb(102, 0, 157) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 0, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 0, 157);  
box-shadow:4px 4px 4px 4px rgb(102, 0,  
157) }
```

# Background

The CSS property to change the background color of an element to Android 4284874909 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 0, 157) }
```

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

```
.background{ background-color: rgb(102, 0,  
157) }
```

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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