

# Converting Colors

Android(4287736099)

Have a look what the booklet for  
Android(4287736099) contains.

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# **Color**

**Android(4287736099)**

# Conversions

## Conversions Part 1

Format	Color
Hex	91A923
RGB	145, 169, 35
RGB Percent	57%, 66%, 14%
CMY	0.4314, 0.3373, 0.8627
CMYK	0.14, 0.00, 0.79, 0.34
HSL	71°, 66%, 40%
HSV	71°, 79%, 66%
XYZ	26.1684, 34.5170, 6.8733
YIQ	146.5480, 28.7100, -46.7620

# Conversions

## Conversions Part 2

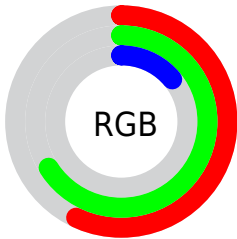
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">35, 169, 59</a>
Decimal	<a href="#">9546019</a>
CIELab	<a href="#">65.37, -25.46, 60.66</a>
CIELCh	<a href="#">65, 65.788, 112.770</a>
Yxy	<a href="#">34.5170, 0.3873, 0.5109</a>
Android (android.graphics.Color)	<a href="#">4287736099 (0xFF91A923)</a>
YUV	<a href="#">146.5480, -54.9932, -1.3576</a>
Hunter-Lab	<a href="#">58.7512, -23.3088, 34.1895</a>

# Details

The Android color **4287736099** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **4282065833**, and the grayscale version is **4287861651**.

A 20% lighter version of the original color is **4291485788**, and **4284118272** is the 20% darker color. If you saturate the color by 10%, you get **4287539474**, and if you desaturate by 10%, it is **4287932724**.

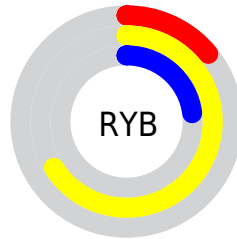
# Distribution



Red (57%)

Green (66%)

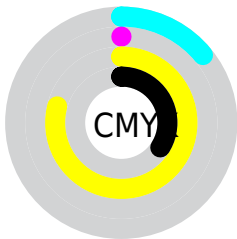
Blue (14%)



Red (14%)

Yellow (66%)

Blue (23%)

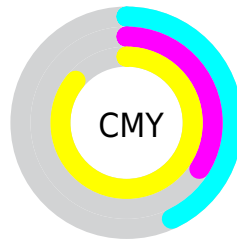


Cyan (14%)

Magenta (0%)

Yellow (79%)

Black (34%)



Cyan (43%)

Magenta (34%)

Yellow (86%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4287736099 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 4287736099 by changing the saturation by 10% instead.





4287736099



4287736099

4294967295



4285894400



4291485788



4284118272



4293393783



4282407936



4294967187



4280632576



4294967215



4278660608



4294967243



4278196992



4294967272



4278190080



4287736099



4287736099



4287539474



4287932724

■ 4287342849

■ 4288129349

■ 4287342848

■ 4288325974

■ 4288522599

■ 4288719223

■ 4288915848

■ 4289112473

■ 4289309098

■ 4289505723

# Harmonies

## Analogous

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



4291401497



4287736099



4282561619

# Triad

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



4287736099



4278236924



4294928304

# Complementary

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



4287736099



4282065833

# 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.



4292377575



4287736099



4278233855

# Square

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



4287736099



4278237899



4286879231



4294929013

# Rectangle

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



4287736099



4278237306



4286879231



4294470851



# Sweetspot

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



4287736099



4292008871



4289280291



4285034062



4293783021



4285427310



# Same Dimension

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



4287736099



4290173707



4283476259



4283651148



4286157824



4279309312



# Inverse Universe

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



4282065833



4281338843



4286325673



4283255892



4279894164



4278452244



# Previews

## White Background



This preview shows how the Android color 4287736099 looks on a white background.

## Color Contrast Check

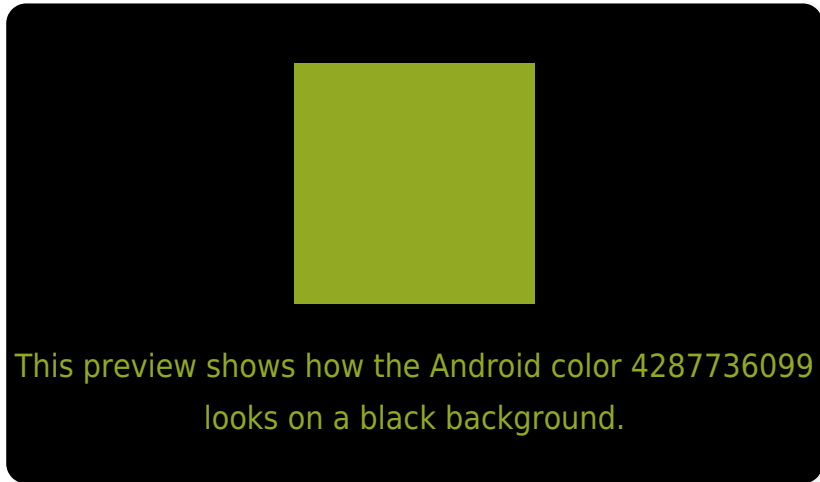
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black 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

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



# Android 4287736099 Background



This preview shows how black text looks on a background with the Android color 4287736099.



This preview shows how white text looks on a background with the Android color 4287736099.

# 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**

4287736099

**Protanopia**

4289896224

**Deuteranopia**

4291270188



# Trichromacy



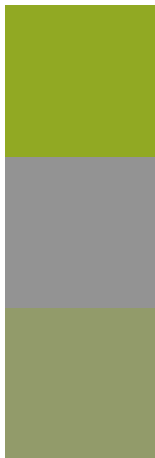
**Original Color**  
4287736099

**Protanomaly**  
4289110817

**Deuteranomaly**  
4289961257

**Tritanomaly**  
4288258425

# Monochromacy



**Original Color**  
4287736099

**Achromatopsia**  
4287861651

**Achromatomaly**  
4287798122

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4287736099 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(145, 169, 35)` looks like.

```
.text, #text, p{  
    color:rgb(145, 169, 35)  
}
```

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(145, 169, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 169, 35) }
```

## Border

The CSS property to change the border of an element to Android 4287736099 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(145, 169, 35) }
```

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

```
.border{ border-color:rgb(145, 169, 35) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 169, 35)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 169, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 169, 35);  
box-shadow:4px 4px 4px 4px rgb(145, 169,  
35) }
```

# Background

The CSS property to change the background color of an element to Android 4287736099 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 169, 35) }
```

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

```
.background{ background-color: rgb(145,  
169, 35) }
```

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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