

# Converting Colors

Android(4288464709)

Have a look what the booklet for  
Android(4288464709) contains.

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# **Color**

**Android(4288464709)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9CC745
RGB	156, 199, 69
RGB Percent	61%, 78%, 27%
CMY	0.3882, 0.2196, 0.7294
CMYK	0.22, 0.00, 0.65, 0.22
HSL	80°, 54%, 53%
HSV	80°, 65%, 78%
XYZ	35.2079, 48.3444, 13.1060
YIQ	171.3230, 16.1020, -49.5460

# Conversions

## Conversions Part 2

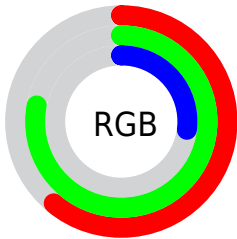
<b>Format</b>	<b>Color</b>
<b>RYB</b>	69, 199, 112
Decimal	10274629
CIELab	75.04, -33.33, 58.22
CIELCh	75, 67.085, 119.791
Yxy	48.3444, 0.3643, 0.5002
Android (android.graphics.Color)	4288464709 (0xFF9CC745)
YUV	171.3230, -50.4452, -13.4383
Hunter-Lab	69.5302, -31.2910, 37.4953

# Details

The Android color **4288464709** is a dark color, and the websafe version is hex **99CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **4285547975**, and the grayscale version is **4289506476**.

A 20% lighter version of the original color is **4292214651**, and **4284846336** is the 20% darker color. If you saturate the color by 10%, you get **4288005937**, and if you desaturate by 10%, it is **4288923481**.

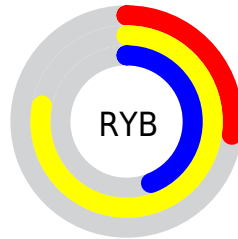
# Distribution



Red (61%)

Green (78%)

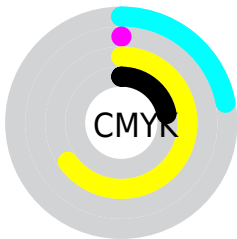
Blue (27%)



Red (27%)

Yellow (78%)

Blue (44%)

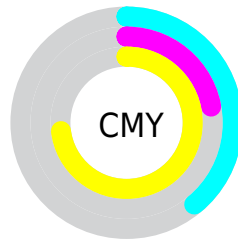


Cyan (22%)

Magenta (0%)

Yellow (65%)

Black (22%)



Cyan (39%)

Magenta (22%)

Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4288464709 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 4288464709 by changing the saturation by 10% instead.





4288464709



4288464709

4294967295



4286622761



4292214651



4284846336



4294180759



4283070208



4294967219



4281294336



4294967247



4279191040



4294967276



4278202112



4278196736



4278190080



4288464709



4288464709

■ 4288005937

■ 4288923481

■ 4287612701

■ 4289316717

■ 4287153929

■ 4289775489

■ 4286957312

■ 4290168725

■ 4290627497

■ 4291020732

■ 4291479504

■ 4291938276

■ 4292331512

# Harmonies

## Analogous

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



4292523314



4288464709



4282438264

# Triad

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



4288464709



4278243327



4294934460

# Complementary

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



4288464709



4285547975

# 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.



4294938616



4288464709



4278239487

# Square

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



4288464709



4278245108



4290357759



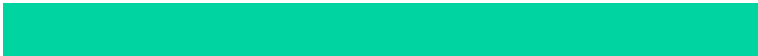
4294936447

# Rectangle

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



4288464709



4278244769



4290357759



4294935249

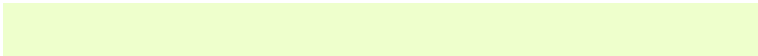


# Sweetspot

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



4288464709



4293853132



4291259973



4285890657



4278190080



4286611584



# Same Dimension

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



4288464709



4290641720



4284335941



4284506970



4285375232



4279772160



# Inverse Universe

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



4285547975



4286200063



4289676743



4284308067



4281729187



4278976548



# Previews

## White Background



This preview shows how the Android color 4288464709 looks on a white background.

## Color Contrast Check

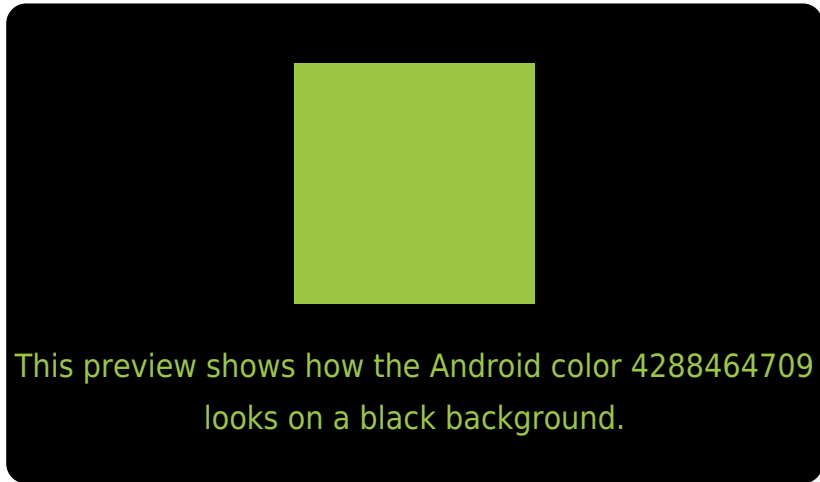
Large Text (above 18pt) WCAG AA × Fail

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 4288464709 Background



This preview shows how black text looks on a background with the Android color 4288464709.



This preview shows how white text looks on a background with the Android color 4288464709.

# 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





# Trichromacy



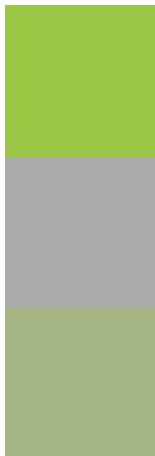
**Original Color**  
4288464709

**Protanomaly**  
4290559554

**Deuteranomaly**  
4291475530

**Tritanomaly**  
4289118105

# Monochromacy



**Original Color**  
4288464709

**Achromatopsia**  
4289440683

**Achromatomaly**  
4289115526

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4288464709 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(156, 199, 69)` looks like.

```
.text, #text, p{  
    color:rgb(156, 199, 69)  
}
```

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(156, 199, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 199, 69) }
```

## Border

The CSS property to change the border of an element to Android 4288464709 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(156, 199, 69) }
```

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

```
.border{ border-color:rgb(156, 199, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 199, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 199, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 199, 69);  
box-shadow:4px 4px 4px 4px rgb(156, 199,  
69) }
```

# Background

The CSS property to change the background color of an element to Android 4288464709 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 199, 69) }
```

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

```
.background{ background-color: rgb(156,  
199, 69) }
```

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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