

# Converting Colors

Android(4289121371)

Have a look what the booklet for  
Android(4289121371) contains.

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# **Color**

**Android(4289121371)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A6CC5B
RGB	166, 204, 91
RGB Percent	65%, 80%, 36%
CMY	0.3490, 0.2000, 0.6431
CMYK	0.19, 0.00, 0.55, 0.20
HSL	80°, 53%, 58%
HSV	80°, 55%, 80%
XYZ	39.2071, 52.0481, 17.8774
YIQ	179.7560, 13.6250, -43.1990

# Conversions

## Conversions Part 2

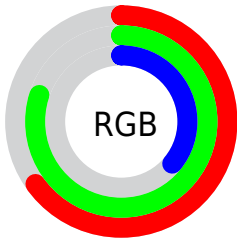
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	91, 204, 129
Decimal	10931291
CIE <sub>Lab</sub>	77.31, -29.99, 51.36
CIE <sub>LCh</sub>	77, 59.479, 120.284
Yxy	52.0481, 0.3593, 0.4769
Android (android.graphics.Color)	4289121371 (0xFFA6CC5B)
YUV	179.7560, -43.7567, -12.0640
Hunter-Lab	72.1443, -29.2462, 35.8090

# Details

The Android color `4289121371` is a light color, and the websafe version is hex `99CC66`. The color can be described as light muted chartreuse. A complement of this color would be `4286667724`, and the grayscale version is `4290032820`.

A 20% lighter version of the original color is `4292870032`, and `4285503014` is the 20% darker color. If you saturate the color by 10%, you get `4288662599`, and if you desaturate by 10%, it is `4289580143`.

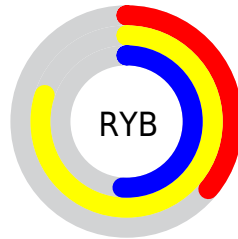
# Distribution



Red (65%)

Green (80%)

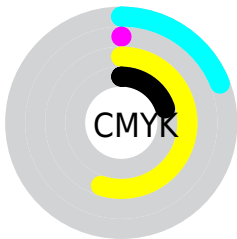
Blue (36%)



Red (36%)

Yellow (80%)

Blue (51%)

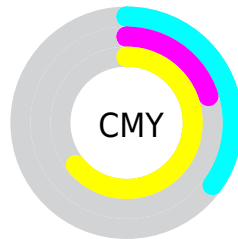


Cyan (19%)

Magenta (0%)

Yellow (55%)

Black (20%)



Cyan (35%)

Magenta (20%)

Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4289121371 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 4289121371 by changing the saturation by 10% instead.





4289121371



4289121371

4294967295



4287279169



4292870032



4285503014



4294770604



4283792386



4294967240



4282016512



4294967269



4280306176



4278203136



4278198272



4278190080



4289121371



4289121371

■ 4288662599

■ 4289580143

■ 4288203826

■ 4290038916

■ 4287745054

■ 4290497688

■ 4287351817

■ 4290890925

■ 4287089664

■ 4291349697

■ 4291808469

■ 4292267242

■ 4292726014

■ 4293184767

# Harmonies

## Analogous

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



4292787275



4289121371



4284274310

# Triad

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



4289121371



4278244351



4294938561

# Complementary

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



4289121371



4286667724

# 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.



4294941686



4289121371



4283483647

# Square

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



4289121371



4278245877



4290949375



4294940042

# Rectangle

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



4289121371



4278245803



4290949375



4294939091

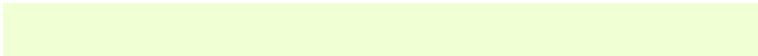


# Sweetspot

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



4289121371



4293984212



4291592539



4286021734



4278190080



4286611584



# Same Dimension

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



4289121371



4291231575



4285451355



4284704348



4285441536



4279838208



# Inverse Universe

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



4286667724



4287584255



4290337740



4284439654



4281860262



4279042086



# Previews

## White Background



This preview shows how the Android color 4289121371 looks on a white background.

## Color Contrast Check

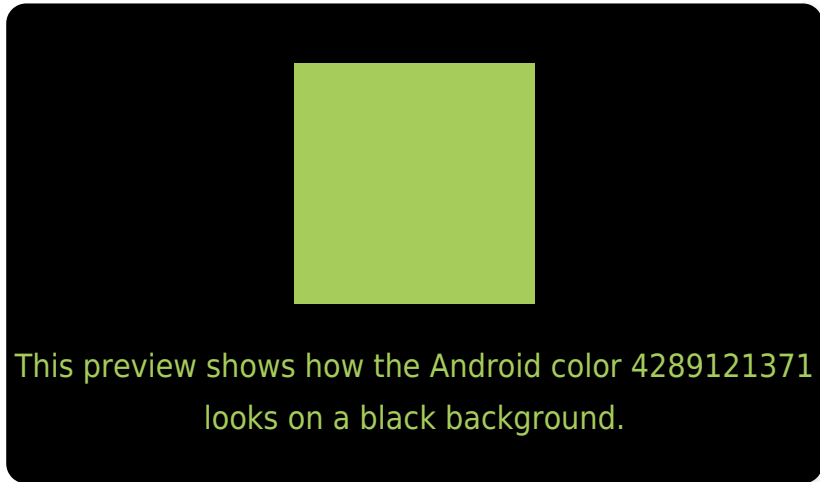
Large Text (above 18pt) WCAG AA × Fail

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 4289121371 Background



This preview shows how black text looks on a background with the Android color 4289121371.



This preview shows how white text looks on a background with the Android color 4289121371.

# 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



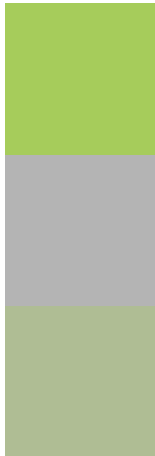
**Original Color**  
4289121371

**Protanomaly**  
4291019864

**Deuteranomaly**  
4291935583

**Tritanomaly**  
4289709221

# Monochromacy



**Original Color**  
4289121371

**Achromatopsia**  
4290032820

**Achromatomaly**  
4289707412

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4289121371 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(166, 204, 91)` looks like.

```
.text, #text, p{  
    color:rgb(166, 204, 91)  
}
```

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(166, 204, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 204, 91) }
```

## Border

The CSS property to change the border of an element to Android 4289121371 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(166, 204, 91) }
```

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

```
.border{ border-color:rgb(166, 204, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 204, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 204, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 204, 91);  
box-shadow:4px 4px 4px 4px rgb(166, 204,  
91) }
```

# Background

The CSS property to change the background color of an element to Android 4289121371 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 204, 91) }
```

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

```
.background{ background-color: rgb(166,  
204, 91) }
```

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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