

# Converting Colors

Android(4289120053)

Have a look what the booklet for  
Android(4289120053) contains.

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# **Color**

**Android(4289120053)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A6C735
RGB	166, 199, 53
RGB Percent	65%, 78%, 21%
CMY	0.3490, 0.2196, 0.7922
CMYK	0.17, 0.00, 0.73, 0.22
HSL	74°, 58%, 49%
HSV	74°, 73%, 78%
XYZ	36.7919, 49.2109, 10.9277
YIQ	172.4890, 27.1980, -52.4020

# Conversions

## Conversions Part 2

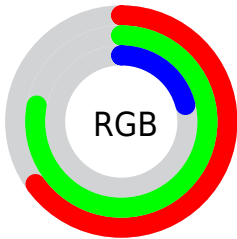
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">53, 199, 86</a>
Decimal	<a href="#">10929973</a>
CIELab	<a href="#">75.58, -30.35, 64.96</a>
CIELCh	<a href="#">76, 71.699, 115.047</a>
Yxy	<a href="#">49.2109, 0.3796, 0.5077</a>
Android (android.graphics.Color)	<a href="#">4289120053 (0xFFA6C735)</a>
YUV	<a href="#">172.4890, -58.9081, -5.6909</a>
Hunter-Lab	<a href="#">70.1505, -29.1452, 39.8694</a>

# Details

The Android color `4289120053` 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 `4283839943`, and the grayscale version is `4289572269`.

A 20% lighter version of the original color is `4292935534`, and `4285436160` is the 20% darker color. If you saturate the color by 10%, you get `4288857889`, and if you desaturate by 10%, it is `4289382217`.

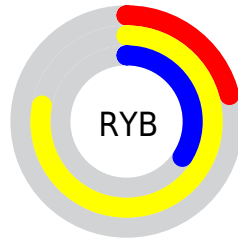
# Distribution



Red (65%)

Green (78%)

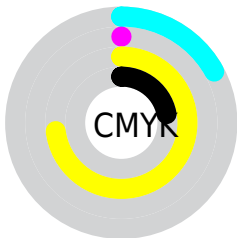
Blue (21%)



Red (21%)

Yellow (78%)

Blue (34%)

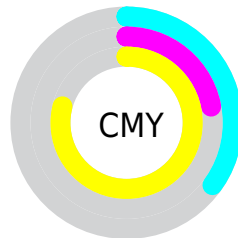


Cyan (17%)

Magenta (0%)

Yellow (73%)

Black (22%)



Cyan (35%)

Magenta (22%)

Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4289120053 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 4289120053 by changing the saturation by 10% instead.





4289120053



4289120053

4294967295



4287278097



4292935534



4285436160



4294901641



4283594496



4294967205



4281884160



4294967234



4279911936



4294967263



4278202368

4294967292



4278197248



4278190080



4289120053



4289120053

■ 4288857889

■ 4289382217

■ 4288530189

■ 4289709917

■ 4288333568

■ 4289972081

■ 4290299781

■ 4290561945

■ 4290889644

■ 4291151808

■ 4291479508

■ 4291741672

# Harmonies

## Analogous

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



4293309223



4289120053



4283159402

# Triad

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



4289120053



4278244351



4294933704

# Complementary

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



4289120053



4283839943

# 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.



4294938879



4289120053



4278240767

# Square

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



4289120053



4278245872



4289179135



4294934918

# Rectangle

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



4289120053



4278245526



4289179135



4294935006

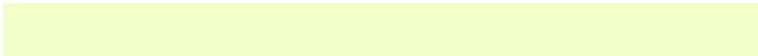


# Sweetspot

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



4289120053



4294115271



4291253557



4286087262



4278190080



4286611584



# Same Dimension

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



4289120053



4291624735



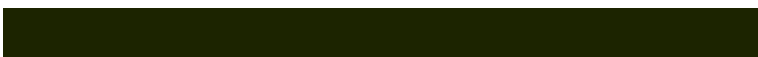
4284401461



4284572506



4286489344



4280034304



# Inverse Universe

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



4283839943



4283506687



4288558535



4284242531



4280615075



4278714404



# Previews

## White Background



This preview shows how the Android color 4289120053 looks on a white background.

## Color Contrast Check

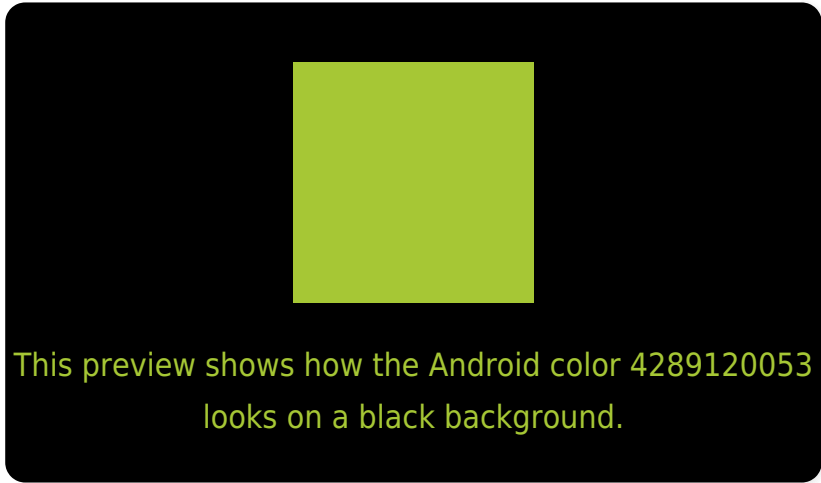
Large Text (above 18pt) WCAG AA × Fail

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 4289120053 Background



This preview shows how black text looks on a background with the Android color 4289120053.



This preview shows how white text looks on a background with the Android color 4289120053.

# 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](#).

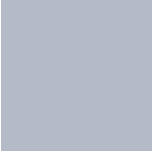
## Dichromacy



**Original Color**  
4289120053

**Protanopia**  
4291934770

**Deuteranopia**  
4293439550



**Tritanopia**  
4290099912

# Trichromacy



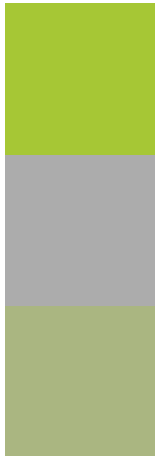
**Original Color**  
4289120053

**Protanomaly**  
4290887475

**Deuteranomaly**  
4291868731

**Tritanomaly**  
4289773459

# Monochromacy



**Original Color**  
4289120053

**Achromatopsia**  
4289506476

**Achromatomaly**  
4289377921

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4289120053 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, 199, 53)` looks like.

```
.text, #text, p{  
    color:rgb(166, 199, 53)  
}
```

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, 199, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 199, 53) }
```

## Border

The CSS property to change the border of an element to Android 4289120053 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, 199, 53) }
```

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

```
.border{ border-color:rgb(166, 199, 53) }
```

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

Here you see how a box with a 4 pixel rgb(166, 199, 53) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 199, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 199, 53);  
box-shadow:4px 4px 4px 4px rgb(166, 199,  
53) }
```

# Background

The CSS property to change the background color of an element to Android 4289120053 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 199, 53) }
```

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

```
.background{ background-color: rgb(166,  
199, 53) }
```

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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