

# Converting Colors

Android(4290314055)

Have a look what the booklet for  
Android(4290314055) contains.

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# **Color**

**Android(4290314055)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B8FF47
RGB	184, 255, 71
RGB Percent	72%, 100%, 28%
CMY	0.2784, 0.0000, 0.7216
CMYK	0.28, 0.00, 0.72, 0.00
HSL	83°, 100%, 64%
HSV	83°, 72%, 100%
XYZ	56.6645, 82.1653, 18.8342
YIQ	212.7950, 16.7480, -72.2760

# Conversions

## Conversions Part 2

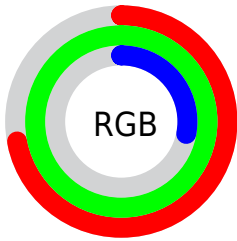
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	71, 255, 142
Decimal	12123975
CIE Lab	92.65, -47.49, 75.89
CIE LCh	93, 89.523, 122.039
Yxy	82.1653, 0.3594, 0.5211
Android (android.graphics.Color)	4290314055 (0xFFB8FF47)
YUV	212.7950, -69.9049, -25.2532
Hunter-Lab	90.6451, -47.0441, 51.1323

# Details

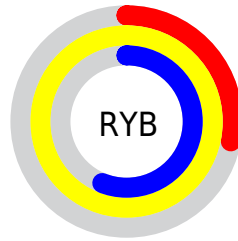
The Android color `4290314055` is a light color, and the websafe version is hex `CCFF33`. The color can be described as light washed chartreuse. A complement of this color would be `4287514623`, and the grayscale version is `4292203989`.

A 20% lighter version of the original color is `4294246274`, and `4286432768` is the 20% darker color. If you saturate the color by 10%, you get `4289658670`, and if you desaturate by 10%, it is `4290969441`.

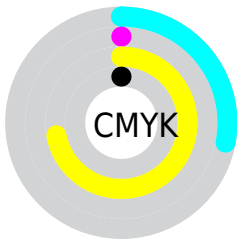
# Distribution



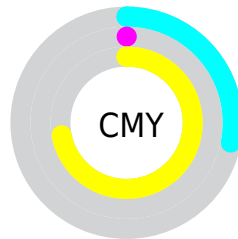
- Red (72%)
- Green (100%)
- Blue (28%)



- Red (28%)
- Yellow (100%)
- Blue (56%)



- Cyan (28%)
- Magenta (0%)
- Yellow (72%)
- Black (0%)



- Cyan (28%)
- Magenta (0%)
- Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4290314055 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 4290314055 by changing the saturation by 10% instead.





4290314055



4290314055

4294967295



4288406052



4294246274



4286432768



4294967199



4284525056



4294967228



4282552064



4294967258



4280317184



4294967287



4278213632



4278207232



4278201600



4278194432

■ 4290314055

■ 4290314055

■ 4289658670

■ 4290969441

■ 4289003284

■ 4291624826

■ 4288544512

■ 4292280211

■ 4292870061

■ 4293525447

■ 4294180832

■ 4294836218

4294967295

# Harmonies

## Analogous

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



4294961177



4290314055



4278255509

# Triad

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



4290314055



4278255615



4294939880

# Complementary

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



4290314055



4287514623

# 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.



4294945535



4290314055



4278252287

# Square

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



4290314055



4278255615



4294037759



4294943892

# Rectangle

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



4290314055



4278255567



4294037759



4294940927

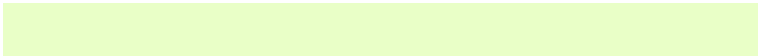


# Sweetspot

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



4290314055



4293525447



4294938183



4285759582



4278190080



4286611584



# Same Dimension

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



4290314055



4289330977



4284284743



4286283891



4285906688



4280762368



# Inverse Universe

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



4287514623



4285997567



4293543935



4286083968



4283039935

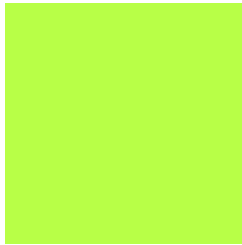


4279828544



# Previews

## White Background



This preview shows how the Android color 4290314055 looks on a white background.

## Color Contrast Check

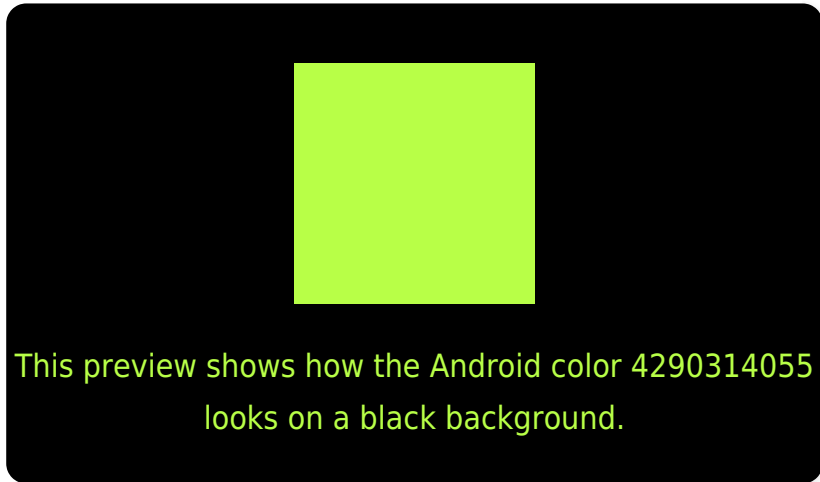
Large Text (above 18pt) WCAG AA × Fail

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 4290314055 Background



This preview shows how black text looks on a background with the Android color 4290314055.

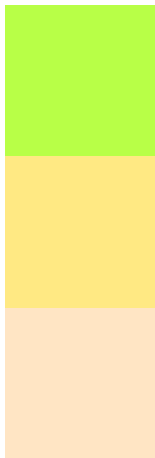


This preview shows how white text looks on a background with the Android color 4290314055.

# 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](#).

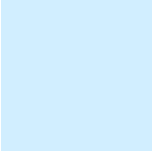
## Dichromacy



**Original Color**  
4290314055

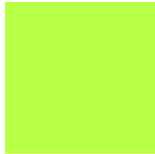
**Protanopia**  
4294961539

**Deuteranopia**  
4294960580

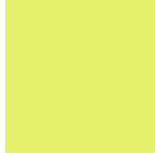


**Tritanopia**  
4291948287

# Trichromacy



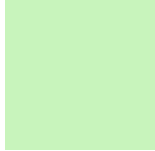
**Original Color**  
4290314055



**Protanomaly**  
4293259629

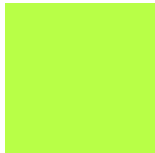


**Deuteranomaly**  
4293258903

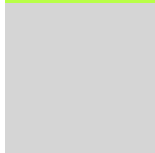


**Tritanomaly**  
4291359932

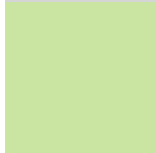
# Monochromacy



**Original Color**  
4290314055



**Achromatopsia**  
4292203989



**Achromatomaly**  
4291486881

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4290314055 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(184, 255, 71)` looks like.

```
.text, #text, p{  
    color:rgb(184, 255, 71)  
}
```

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(184, 255, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 255, 71) }
```

## Border

The CSS property to change the border of an element to Android 4290314055 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(184, 255, 71) }
```

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

```
.border{ border-color:rgb(184, 255, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 255, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 255, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 255, 71);  
box-shadow:4px 4px 4px 4px rgb(184, 255,  
71) }
```

# Background

The CSS property to change the background color of an element to Android 4290314055 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 255, 71) }
```

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

```
.background{ background-color: rgb(184,  
255, 71) }
```

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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