

# Converting Colors

Android(4289525134)

Have a look what the booklet for  
Android(4289525134) contains.

<b>Android(4289525134)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Android(4289525134)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ACF58E
RGB	172, 245, 142
RGB Percent	67%, 96%, 56%
CMY	0.3255, 0.0392, 0.4431
CMYK	0.30, 0.00, 0.42, 0.04
HSL	103°, 84%, 76%
HSV	103°, 42%, 96%
XYZ	54.5482, 76.0285, 37.3912
YIQ	211.4310, -10.4450, -47.5090

# Conversions

## Conversions Part 2

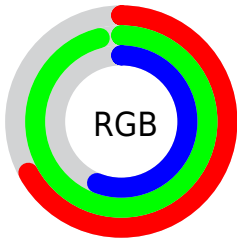
<b>Format</b>	<b>Color</b>
<b>RYB</b>	142, 245, 215
Decimal	11335054
CIELab	89.87, -40.83, 42.48
CIELCh	90, 58.927, 133.866
Yxy	76.0285, 0.3248, 0.4526
Android (android.graphics.Color)	4289525134 (0xFFACF58E)
YUV	211.4310, -34.2295, -34.5810
Hunter-Lab	87.1943, -40.9217, 35.6109

# Details

The Android color `4289525134` is a light color, and the websafe version is hex `CCFF99`. A complement of this color would be `4292316917`, and the grayscale version is `4292138196`.

A 20% lighter version of the original color is `4293263301`, and `4285906010` is the 20% darker color. If you saturate the color by 10%, you get `4288410998`, and if you desaturate by 10%, it is `4290639271`.

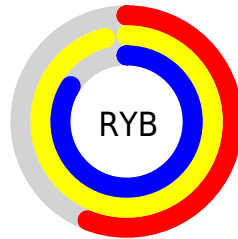
# Distribution



Red (67%)

Green (96%)

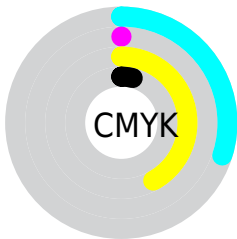
Blue (56%)



Red (56%)

Yellow (96%)

Blue (84%)

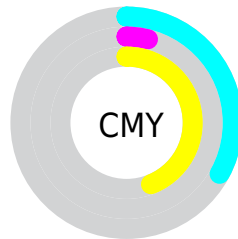


Cyan (30%)

Magenta (0%)

Yellow (42%)

Black (4%)



Cyan (33%)

Magenta (4%)

Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4289525134 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 4289525134 by changing the saturation by 10% instead.





4289525134



4289525134

4294967295



4287682676



4293263301



4285906010



4294967265



4284064064

4294967294



4282287655



4280315146



4278211584



4278205440



4278200064



4278190080

 4289525134

 4289525134

 4288410998

 4290639271

 4287231325

 4291818943

 4286117189

 4292933080

 4285003052

 4294047216

 4283823380

 4294964735

 4282905856

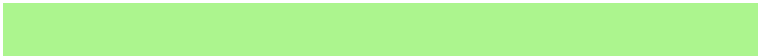
# Harmonies

## Analogous

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



4293650289



4289525134



4283891137

# Triad

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



4289525134



4278645247



4294948042

# Complementary

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



4289525134



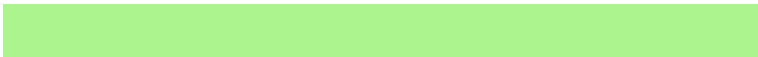
4292316917

# Split Complementary

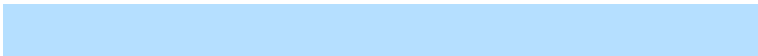
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



4294948863



4289525134



4290109439

# Square

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



4289525134



4278254591



4294953471



4294951062

# Rectangle

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



4289525134



4278255592



4294953471



4294947805

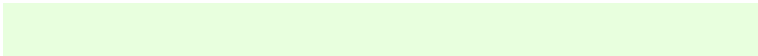


# Sweetspot

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



4289525134



4293459934



4294301326



4285628523



4278190080



4286611584

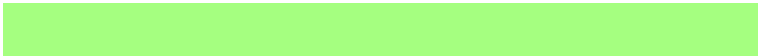


# Same Dimension

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



4289525134



4289068928



4287559075



4285692526



4281776640



4279319296



# Inverse Universe

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



4292316917



4292509951



4294282976



4286017146



4286841018

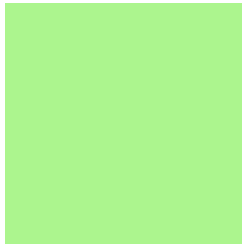


4280942651



# Previews

## White Background



This preview shows how the Android color 4289525134 looks on a white background.

## Color Contrast Check

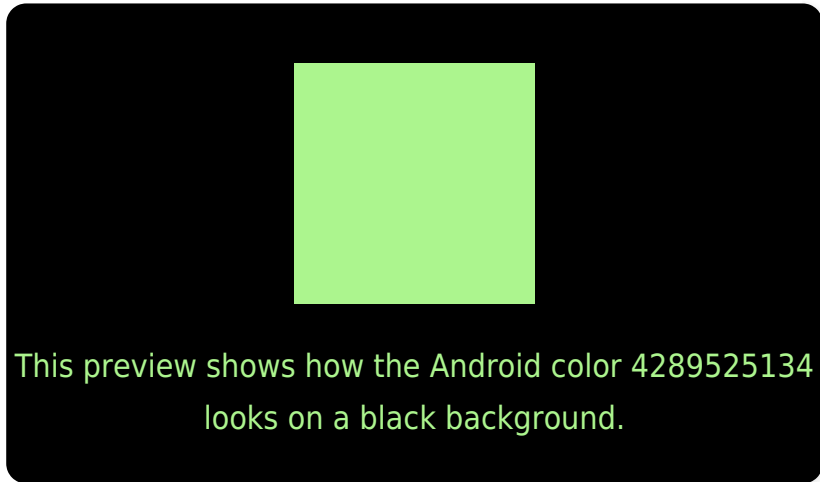
Large Text (above 18pt) WCAG AA × Fail

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 4289525134 Background



This preview shows how black text looks on a background with the Android color 4289525134.

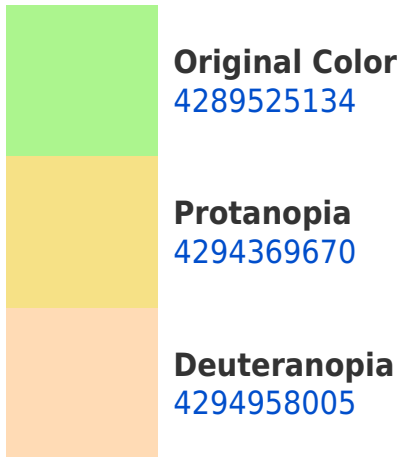


This preview shows how white text looks on a background with the Android color 4289525134.

# 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



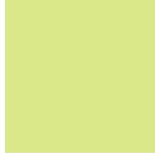


**Tritanopia**  
4290701563

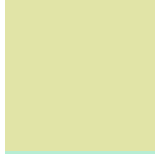
# Trichromacy



**Original Color**  
4289525134



**Protanomaly**  
4292601993



**Deuteranomaly**  
4292994215

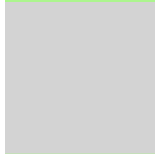


**Tritanomaly**  
4290244051

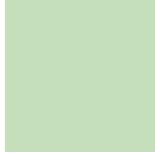
# Monochromacy



**Original Color**  
4289525134



**Achromatopsia**  
4292072403



**Achromatomaly**  
4291157946

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4289525134 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(172, 245, 142)` looks like.

```
.text, #text, p{  
    color:rgb(172, 245, 142)  
}
```

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(172, 245, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 245, 142) }
```

## Border

The CSS property to change the border of an element to Android 4289525134 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(172, 245, 142) }
```

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

```
.border{ border-color:rgb(172, 245, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 245, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 245, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 245, 142);  
box-shadow:4px 4px 4px 4px rgb(172, 245,  
142) }
```

# Background

The CSS property to change the background color of an element to Android 4289525134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 245, 142) }
```

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

```
.background{ background-color: rgb(172,  
245, 142) }
```

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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