

# Converting Colors

Android(4289262964)

Have a look what the booklet for  
Android(4289262964) contains.

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# **Color**

**Android(4289262964)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A8F574
RGB	168, 245, 116
RGB Percent	66%, 96%, 45%
CMY	0.3412, 0.0392, 0.5451
CMYK	0.31, 0.00, 0.53, 0.04
HSL	96°, 87%, 71%
HSV	96°, 53%, 96%
XYZ	51.9532, 74.8906, 28.2401
YIQ	207.2710, -4.4830, -56.4430

# Conversions

## Conversions Part 2

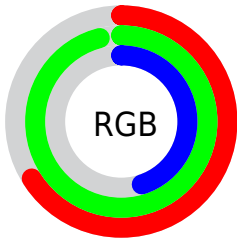
<b>Format</b>	<b>Color</b>
<b>RYB</b>	116, 245, 193
Decimal	11072884
CIELab	89.34, -45.24, 54.08
CIELCh	89, 70.508, 129.917
Yxy	74.8906, 0.3350, 0.4829
Android (android.graphics.Color)	4289262964 (0xFFA8F574)
YUV	207.2710, -44.9966, -34.4407
Hunter-Lab	86.5394, -44.2828, 41.2296

# Details

The Android color `4289262964` is a light color, and the websafe version is hex `99FF66`. A complement of this color would be `4290868469`, and the grayscale version is `4291875024`.

A 20% lighter version of the original color is `4293066667`, and `4285578303` is the 20% darker color. If you saturate the color by 10%, you get `4288279900`, and if you desaturate by 10%, it is `4290246029`.

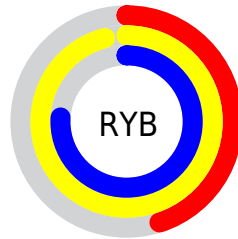
# Distribution



Red (66%)

Green (96%)

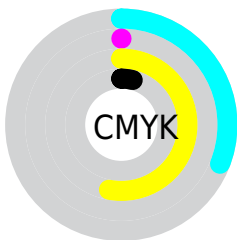
Blue (45%)



Red (45%)

Yellow (96%)

Blue (76%)

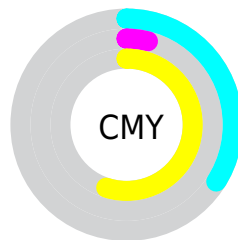


Cyan (31%)

Magenta (0%)

Yellow (53%)

Black (4%)



Cyan (34%)

Magenta (4%)

Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4289262964 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 4289262964 by changing the saturation by 10% instead.



 4289262964

 4289262964

4294967295

 4287420505

 4293066667

 4285578303

 4294967239

 4283670818

 4294967268

 4281763328

 4279397376

 4278211328

 4278205184

 4278199808

 4278190080

■ 4289262964

■ 4289262964

■ 4288279900

■ 4290246029

■ 4287362371

■ 4291163557

■ 4286379307

■ 4292146622

■ 4285461778

■ 4293064150

■ 4284740864

■ 4294047215

■ 4294964735

# Harmonies

## Analogous

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



4294042707



4289262964



4280876976

# Triad

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



4289262964



4278252799



4294944205

# Complementary

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



4289262964



4290868469

# 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.



4294946303



4289262964



4287553791

# Square

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



4289262964



4278255615



4294952703



4294947725

# Rectangle

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



4289262964



4278255582



4294952703



4294944227

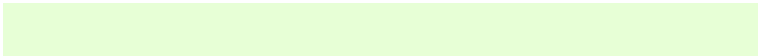


# Sweetspot

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



4289262964



4293394390



4294295412



4285628519



4278190080



4286611584



# Same Dimension

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



4289262964



4288675678



4285855103



4285758062



4283152896



4279778048



# Inverse Universe

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



4290868469



4290666239



4294276330



4285886074



4285464762

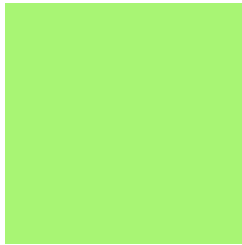


4280483899



# Previews

## White Background



This preview shows how the Android color 4289262964 looks on a white background.

## Color Contrast Check

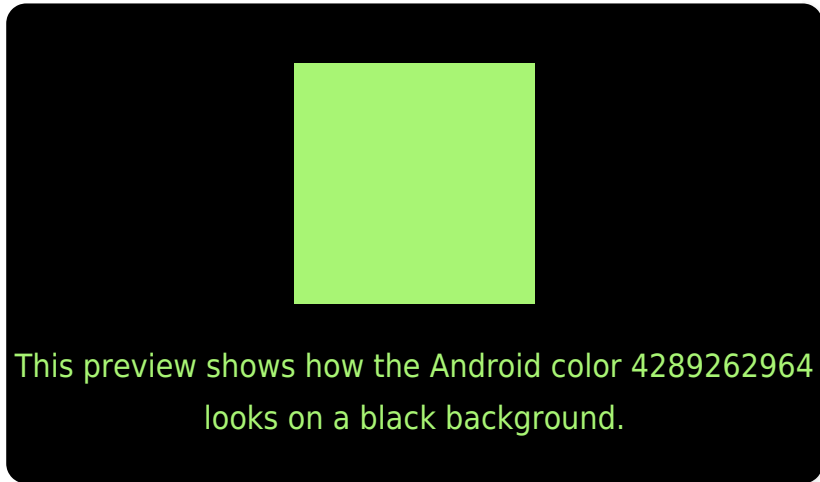
Large Text (above 18pt) WCAG AA × Fail

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 4289262964 Background



This preview shows how black text looks on a background with the Android color 4289262964.

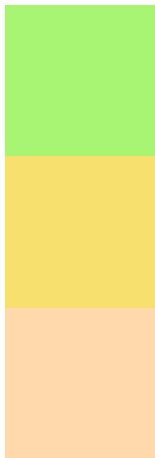


This preview shows how white text looks on a background with the Android color 4289262964.

# 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



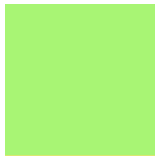
**Original Color**  
4289262964

**Protanopia**  
4294434925

**Deuteranopia**  
4294957483

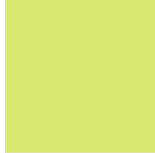


# Trichromacy



**Original Color**

4289262964



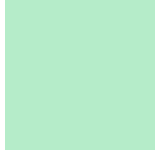
**Protanomaly**

4292536432



**Deuteranomaly**

4292862871



**Tritanomaly**

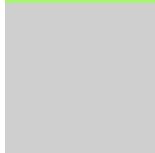
4290112713

# Monochromacy



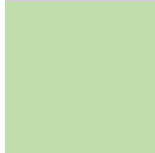
**Original Color**

4289262964



**Achromatopsia**

4291809231



**Achromatomaly**

4290895278

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4289262964 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(168, 245, 116)` looks like.

```
.text, #text, p{  
    color:rgb(168, 245, 116)  
}
```

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(168, 245, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 245, 116) }
```

## Border

The CSS property to change the border of an element to Android 4289262964 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(168, 245, 116) }
```

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

```
.border{ border-color:rgb(168, 245, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 245, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(168, 245, 116); -webkit-box-shadow:4px 4px 4px 4px rgb(168, 245, 116); box-shadow:4px 4px 4px 4px rgb(168, 245, 116) }
```

# Background

The CSS property to change the background color of an element to Android 4289262964 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 245, 116) }
```

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

```
.background{ background-color: rgb(168,  
245, 116) }
```

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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