

# Converting Colors

Android(4288934536)

Have a look what the booklet for  
Android(4288934536) contains.

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# **Color**

**Android(4288934536)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A3F288
RGB	163, 242, 136
RGB Percent	64%, 95%, 53%
CMY	0.3608, 0.0510, 0.4667
CMYK	0.33, 0.00, 0.44, 0.05
HSL	105°, 80%, 74%
HSV	105°, 44%, 95%
XYZ	51.3003, 73.0684, 34.6923
YIQ	206.2950, -13.0580, -49.7140

# Conversions

## Conversions Part 2

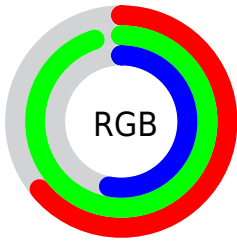
Format	Color
<a href="#">RYB</a>	<a href="#">136, 242, 215</a>
Decimal	<a href="#">10744456</a>
CIELab	<a href="#">88.48, -43.25, 43.54</a>
CIELCh	<a href="#">88, 61.368, 134.810</a>
Yxy	<a href="#">73.0684, 0.3225, 0.4594</a>
Android (android.graphics.Color)	<a href="#">4288934536 (0xFFA3F288)</a>
YUV	<a href="#">206.2950, -34.6554, -37.9697</a>
Hunter-Lab	<a href="#">85.4800, -42.4644, 35.7730</a>

# Details

The Android color `4288934536` is a light color, and the websafe version is hex `99FF99`. A complement of this color would be `4292315378`, and the grayscale version is `4291809231`.

A 20% lighter version of the original color is `4292673471`, and `4285249876` is the 20% darker color. If you saturate the color by 10%, you get `4287754864`, and if you desaturate by 10%, it is `4290114208`.

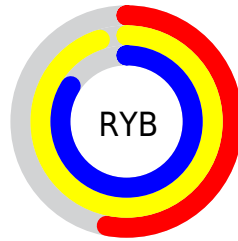
# Distribution



Red (64%)

Green (95%)

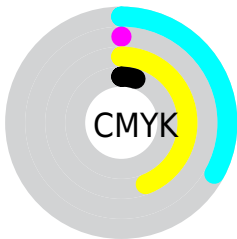
Blue (53%)



Red (53%)

Yellow (95%)

Blue (84%)

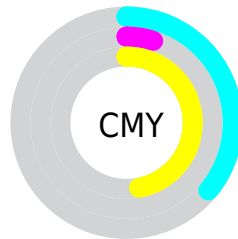


Cyan (33%)

Magenta (0%)

Yellow (44%)

Black (5%)



Cyan (36%)

Magenta (5%)

Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4288934536 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 4288934536 by changing the saturation by 10% instead.



 4288934536

 4288934536

4294967295

 4287092078

 4292673471

 4285249876

 4294639579

 4283473467

 4294967288

 4281565985

 4279265793

 4278210816

 4278204672

 4278199296

 4278190080

 4288934536

 4288934536

 4287754864

 4290114208

 4286575192

 4291293880

 4285395519

 4292473553

 4284215847

 4293653225

 4283036175

 4294832895

 4282315264

 4294963967

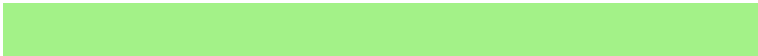
# Harmonies

## Analogous

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



4293256296



4288934536



4282448573

# Triad

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



4288934536



4278251007



4294946243

# Complementary

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



4288934536



4292315378

# Split Complementary

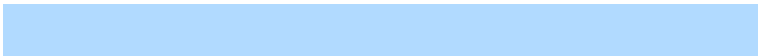
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



4294947326



4288934536



4289846015

# Square

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



4288934536



4278253823



4294951935



4294949774

# Rectangle

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



4288934536



4278254822



4294951935



4294946007

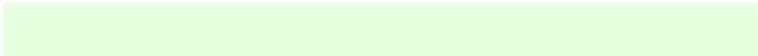


# Sweetspot

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



4288934536



4293328862



4294104712



4285562987



4278190080



4286611584



# Same Dimension

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



4288934536



4288348024



4287165089



4285495404



4281317376



4279121920



# Inverse Universe

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



4292315378



4292704511



4294084825



4285885560



4287168696

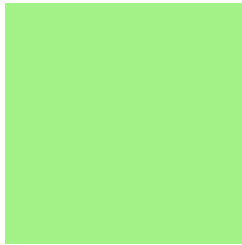


4280942648



# Previews

## White Background



This preview shows how the Android color 4288934536 looks on a white background.

## Color Contrast Check

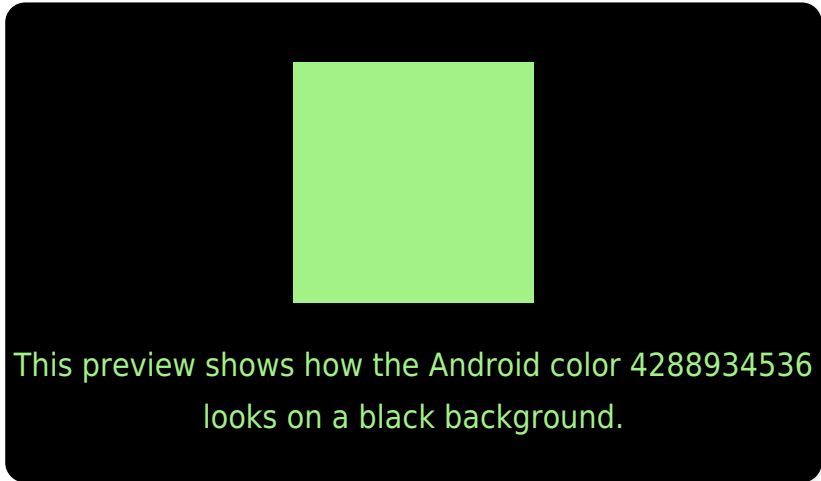
Large Text (above 18pt) WCAG AA × Fail

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

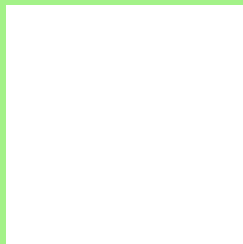
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4288934536 Background



This preview shows how black text looks on a background with the Android color 4288934536.



This preview shows how white text looks on a background with the Android color 4288934536.

# 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

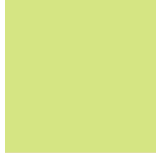




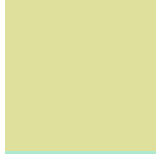
# Trichromacy



**Original Color**  
4288934536



**Protanomaly**  
4292208003

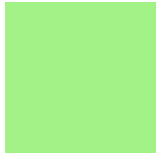


**Deuteranomaly**  
4292796572

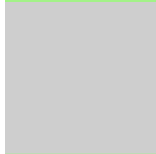


**Tritanomaly**  
4289718991

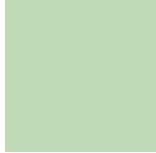
# Monochromacy



**Original Color**  
4288934536



**Achromatopsia**  
4291743438



**Achromatomaly**  
4290698165

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4288934536 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(163, 242, 136)` looks like.

```
.text, #text, p{  
    color:rgb(163, 242, 136)  
}
```

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(163, 242, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 242, 136) }
```

## Border

The CSS property to change the border of an element to Android 4288934536 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(163, 242, 136) }
```

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

```
.border{ border-color:rgb(163, 242, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 242, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(163, 242, 136); -webkit-box-shadow:4px 4px 4px 4px rgb(163, 242, 136); box-shadow:4px 4px 4px 4px rgb(163, 242, 136) }
```

# Background

The CSS property to change the background color of an element to Android 4288934536 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 242, 136) }
```

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

```
.background{ background-color: rgb(163,  
242, 136) }
```

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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