

# Converting Colors

Android(4288406171)

Have a look what the booklet for  
Android(4288406171) contains.

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# **Color**

**Android(4288406171)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9BE29B
RGB	155, 226, 155
RGB Percent	61%, 89%, 61%
CMY	0.3922, 0.1137, 0.3922
CMYK	0.31, 0.00, 0.31, 0.11
HSL	120°, 55%, 75%
HSV	120°, 31%, 89%
XYZ	46.6303, 63.7278, 40.8534
YIQ	196.6770, -19.5250, -37.1330

# Conversions

## Conversions Part 2

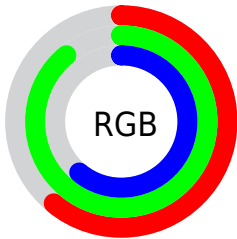
Format	Color
<a href="#">RYB</a>	<a href="#">155, 226, 226</a>
Decimal	<a href="#">10216091</a>
CIELab	<a href="#">83.82, -35.93, 27.86</a>
CIELCh	<a href="#">84, 45.463, 142.209</a>
Yxy	<a href="#">63.7278, 0.3084, 0.4214</a>
Android (android.graphics.Color)	<a href="#">4288406171 (0xFF9BE29B)</a>
YUV	<a href="#">196.6770, -20.5468, -36.5507</a>
Hunter-Lab	<a href="#">79.8297, -35.4362, 25.5388</a>

# Details

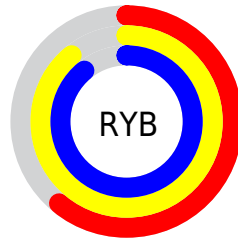
The Android color `4288406171` is a light color, and the websafe version is hex `99CC99`. A complement of this color would be `4293041122`, and the grayscale version is `4291151301`.

A 20% lighter version of the original color is `4292083666`, and `4284852839` is the 20% darker color. If you saturate the color by 10%, you get `4286898820`, and if you desaturate by 10%, it is `4289913522`.

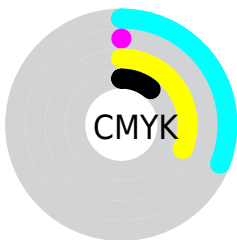
# Distribution



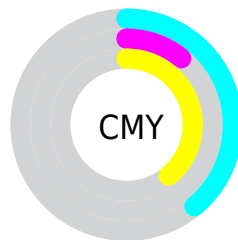
- Red (61%)
- Green (89%)
- Blue (61%)



- Red (61%)
- Yellow (89%)
- Blue (89%)



- Cyan (31%)
- Magenta (0%)
- Yellow (31%)
- Black (11%)



- Cyan (39%)
- Magenta (11%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4288406171 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 4288406171 by changing the saturation by 10% instead.



 4288406171

 4288406171

4294967295

 4286629505

 4292083666

 4284852839

 4293984238

 4283141967

 4281365815

 4279393312

 4278207496

 4278201600

 4278195712

 4278190080

 4288406171

 4288406171

 4286898820

 4289913522

 4285457006

 4291355336

 4283949655

 4292862687

 4282507841

 4294304501

 4281000490

 4294959871

 4279493139

 4278247936

# Harmonies

## Analogous

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



4291680384



4288406171



4284606404

# Triad

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



4288406171



4286437887



4294947251

# Complementary

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



4288406171



4293041122

# 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.



4294947038



4288406171



4291152639

# Square

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



4288406171



4280411135



4294753279



4294950031

# Rectangle

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



4288406171



4281329890



4294753279



4294947009

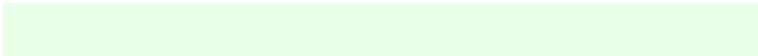


# Sweetspot

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



4288406171



4293459944



4293059227



4285628529



4278190080



4286611584

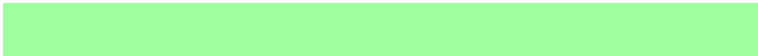


# Same Dimension

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



4288406171



4288610206



4288406207



4284837989



4278235136



4278202368



# Inverse Universe

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



4293041122



4294942463



4293041087



4285556080



4289724592



4281335856



# Previews

## White Background



This preview shows how the Android color 4288406171 looks on a white background.

## Color Contrast Check

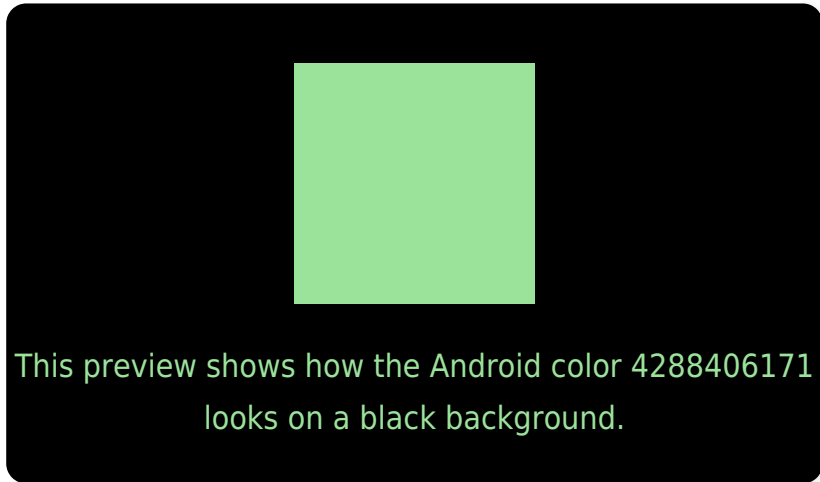
Large Text (above 18pt) WCAG AA × Fail

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 4288406171 Background



This preview shows how black text looks on a background with the Android color 4288406171.



This preview shows how white text looks on a background with the Android color 4288406171.

# 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**  
4288406171

**Protanopia**  
4292923539

**Deuteranopia**  
4294232225

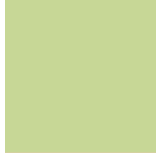


# Trichromacy



**Original Color**

4288406171



**Protanomaly**

4291286934



**Deuteranomaly**

4292137375



**Tritanomaly**

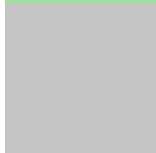
4288994509

# Monochromacy



**Original Color**

4288406171



**Achromatopsia**

4291151301



**Achromatomaly**

4290171062

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4288406171 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(155, 226, 155)` looks like.

```
.text, #text, p{  
    color:rgb(155, 226, 155)  
}
```

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(155, 226, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 226, 155) }
```

## Border

The CSS property to change the border of an element to Android 4288406171 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(155, 226, 155) }
```

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

```
.border{ border-color:rgb(155, 226, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 226, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 226, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 226, 155);  
box-shadow:4px 4px 4px 4px rgb(155, 226,  
155) }
```

# Background

The CSS property to change the background color of an element to Android 4288406171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 226, 155) }
```

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

```
.background{ background-color: rgb(155,  
226, 155) }
```

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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