

# Converting Colors

Android(4287416699)

Have a look what the booklet for  
Android(4287416699) contains.

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# **Color**

**Android(4287416699)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8CC97B
RGB	140, 201, 123
RGB Percent	55%, 79%, 48%
CMY	0.4510, 0.2118, 0.5176
CMYK	0.30, 0.00, 0.39, 0.21
HSL	107°, 42%, 64%
HSV	107°, 39%, 79%
XYZ	35.2770, 48.7788, 26.2948
YIQ	173.8690, -11.3180, -37.1900

# Conversions

## Conversions Part 2

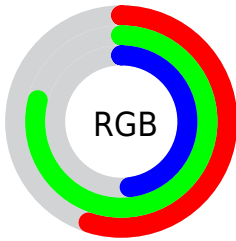
<b>Format</b>	<b>Color</b>
<b>RYB</b>	123, 201, 184
Decimal	9226619
CIELab	75.31, -34.27, 32.89
CIELCh	75, 47.497, 136.175
Yxy	48.7788, 0.3197, 0.4420
Android (android.graphics.Color)	4287416699 (0xFF8CC97B)
YUV	173.8690, -25.0784, -29.7031
Hunter-Lab	69.8418, -32.0631, 26.5671

# Details

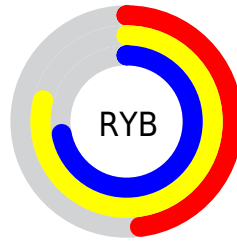
The Android color `4287416699` is a light color, and the websafe version is hex `99CC66`. A complement of this color would be `4290280393`, and the grayscale version is `4289638062`.

A 20% lighter version of the original color is `4291035056`, and `4283929417` is the 20% darker color. If you saturate the color by 10%, you get `4286368103`, and if you desaturate by 10%, it is `4288465295`.

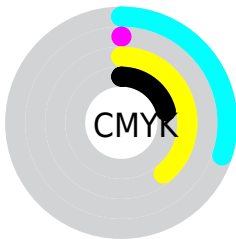
# Distribution



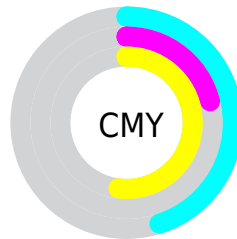
- Red (55%)
- Green (79%)
- Blue (48%)



- Red (48%)
- Yellow (79%)
- Blue (72%)



- Cyan (30%)
- Magenta (0%)
- Yellow (39%)
- Black (21%)



- Cyan (45%)
- Magenta (21%)
- Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4287416699 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 4287416699 by changing the saturation by 10% instead.



 4287416699

 4287416699

4294967295

 4285640034

 4291035056

 4283929417

 4292935628

 4282218801

 4294836200

 4280442649

 4278208256

 4278202368

 4278196992

 4278190080

 4287416699

 4287416699

 4286368103

 4288465295


 4285385043

 4289448355

 4284336447

 4290496951

 4283287851


 4291545547

 4282239255

 4292594144

 4281256194

 4293577204

 4281125120

 4294625791

 4294953471

# Harmonies

## Analogous

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



4290625123



4287416699



4283223971

# Triad

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



4287416699



4282565887



4294940579

# Complementary

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



4287416699



4290280393

# 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.



4294940880



4287416699



4288591615

# Square

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



4287416699



4278242807



4292650486



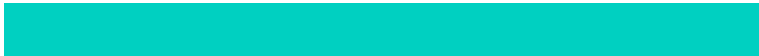
4294943100

# Rectangle

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



4287416699



4278243521



4292650486



4294940338

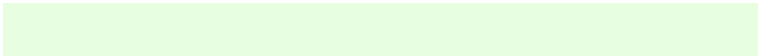


# Sweetspot

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



4287416699



4293394400



4291409787



4285694062



4278190080



4286611584

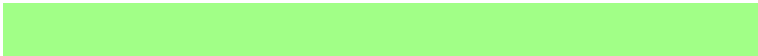


# Same Dimension

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



4287416699



4288806791



4286302608



4284244826



4280591104



4278723584



# Inverse Universe

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



4290280393



4293232639



4291394484



4284570211



4286578851



4280025124



# Previews

## White Background



This preview shows how the Android color 4287416699 looks on a white background.

## Color Contrast Check

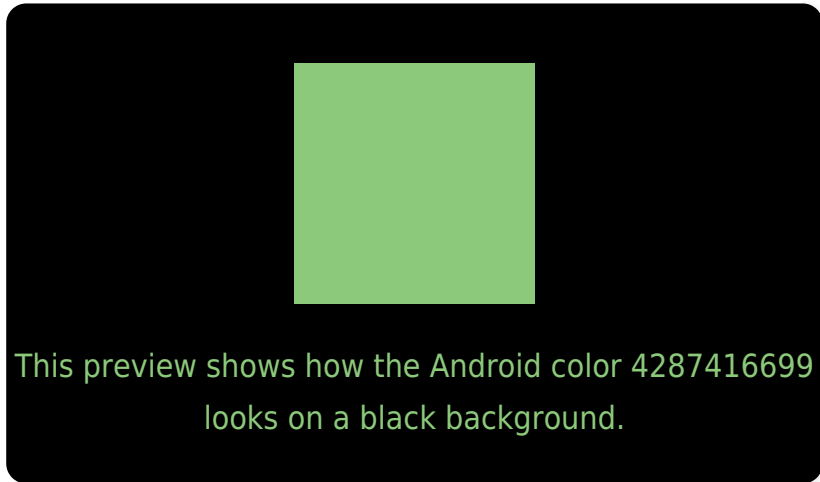
Large Text (above 18pt) WCAG AA × Fail

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 4287416699 Background



This preview shows how black text looks on a background with the Android color 4287416699.



This preview shows how white text looks on a background with the Android color 4287416699.

# 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**  
4287416699

**Protanopia**  
4291410293

**Deuteranopia**  
4292653440



**Tritanopia**  
4288331726

# Trichromacy



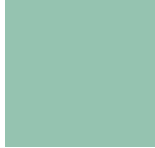
**Original Color**  
4287416699



**Protanomaly**  
4289970039



**Deuteranomaly**  
4290755198



**Tritanomaly**  
4288005040

# Monochromacy



**Original Color**  
4287416699



**Achromatopsia**  
4289638062



**Achromatomaly**  
4288854171

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4287416699 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(140, 201, 123)` looks like.

```
.text, #text, p{  
    color:rgb(140, 201, 123)  
}
```

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(140, 201, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 201, 123) }
```

## Border

The CSS property to change the border of an element to Android 4287416699 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(140, 201, 123) }
```

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

```
.border{ border-color:rgb(140, 201, 123) }
```

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

Here you see how a box with a 4 pixel rgb(140, 201, 123) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 201, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 201, 123);  
box-shadow:4px 4px 4px 4px rgb(140, 201,  
123) }
```

# Background

The CSS property to change the background color of an element to Android 4287416699 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 201, 123) }
```

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

```
.background{ background-color: rgb(140,  
201, 123) }
```

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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