

# Converting Colors

Android(4287286656)

Have a look what the booklet for  
Android(4287286656) contains.

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# **Color**

**Android(4287286656)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8ACD80
RGB	138, 205, 128
RGB Percent	54%, 80%, 50%
CMY	0.4588, 0.1961, 0.4980
CMYK	0.33, 0.00, 0.38, 0.20
HSL	112°, 44%, 65%
HSV	112°, 38%, 80%
XYZ	36.2088, 50.6244, 28.2852
YIQ	176.1890, -15.2150, -38.1510

# Conversions

## Conversions Part 2

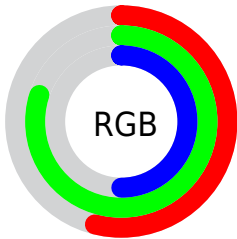
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">128, 205, 195</a>
Decimal	<a href="#">9096576</a>
CIELab	<a href="#">76.45, -36.03, 31.78</a>
CIELCh	<a href="#">76, 48.049, 138.585</a>
Yxy	<a href="#">50.6244, 0.3145, 0.4398</a>
Android (android.graphics.Color)	<a href="#">4287286656 (0xFF8ACD80)</a>
YUV	<a href="#">176.1890, -23.7572, -33.4918</a>
Hunter-Lab	<a href="#">71.1508, -33.6749, 26.2356</a>

# Details

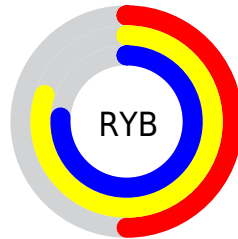
The Android color **4287286656** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **4291002573**, and the grayscale version is **4289769648**.

A 20% lighter version of the original color is **4290903990**, and **4283799118** is the 20% darker color. If you saturate the color by 10%, you get **4286106987**, and if you desaturate by 10%, it is **4288466325**.

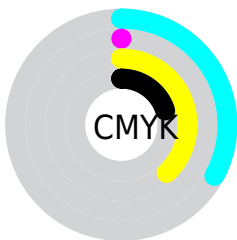
# Distribution



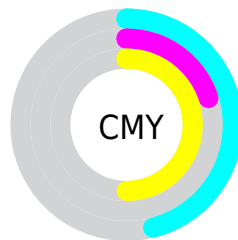
- Red (54%)
- Green (80%)
- Blue (50%)



- Red (50%)
- Yellow (80%)
- Blue (76%)



- Cyan (33%)
- Magenta (0%)
- Yellow (38%)
- Black (20%)



- Cyan (46%)
- Magenta (20%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4287286656 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 4287286656 by changing the saturation by 10% instead.





4287286656



4287286656

4294967295



4285509990



4290903990



4283799118



4292804561



4282022966



4294705134



4280247070



4278209029



4278203136



4278198016



4278190080



4287286656



4287286656

 4286106987

 4288466325

 4284927319

 4289645993

 4283747650

 4290825662

 4282633518

 4291939794

 4281453850

 4293119462

 4280274181

 4294299131

 4280012032

 4294954495

# Harmonies

## Analogous

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



4290626406



4287286656



4282897322

# Triad

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



4287286656



4283287295



4294941347

# Complementary

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



4287286656



4291002573

# 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.



4294941392



4287286656



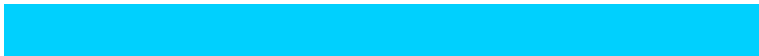
4289116159

# Square

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



4287286656



4278243582



4293109752



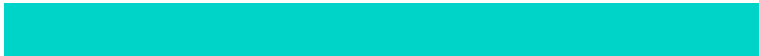
4294943868

# Rectangle

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



4287286656



4278244552



4293109752



4294940849

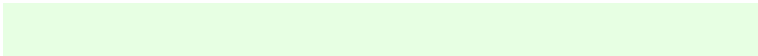


# Sweetspot

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



4287286656



4293394403



4291675008



4285628527



4278190080



4286611584

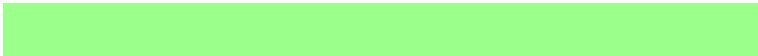


# Same Dimension

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



4287286656



4288413580



4286631324



4284311132



4279674368



4278527488



# Inverse Universe

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



4291002573



4293954815



4291657905



4284832870



4287627430



4280352806



# Previews

## White Background



This preview shows how the Android color 4287286656 looks on a white background.

## Color Contrast Check

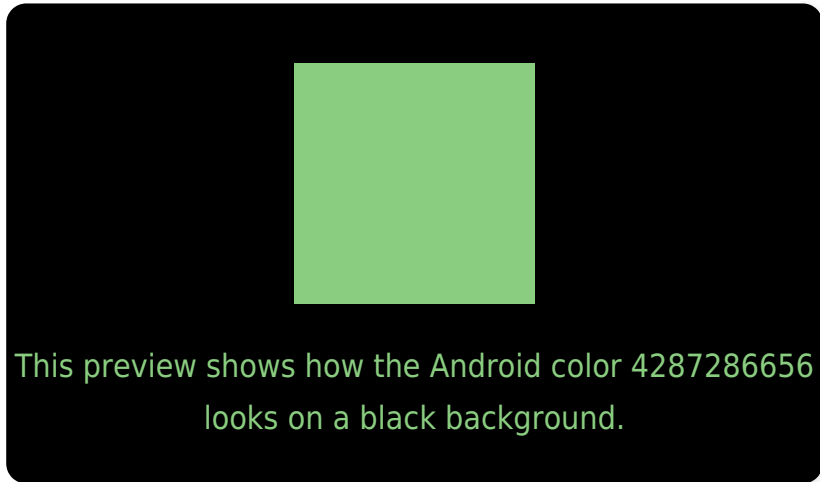
Large Text (above 18pt) WCAG AA × Fail

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

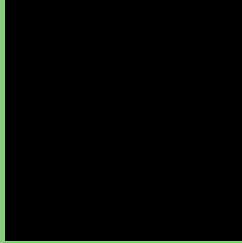
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4287286656 Background



This preview shows how black text looks on a background with the Android color 4287286656.



This preview shows how white text looks on a background with the Android color 4287286656.

# 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**

4287286656



**Protanomaly**

4290036348



**Deuteranomaly**

4290821508



**Tritanomaly**

4287940533

# Monochromacy



**Original Color**

4287286656



**Achromatopsia**

4289769648



**Achromatomaly**

4288854943

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4287286656 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(138, 205, 128)` looks like.

```
.text, #text, p{  
    color:rgb(138, 205, 128)  
}
```

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(138, 205, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 205, 128) }
```

## Border

The CSS property to change the border of an element to Android 4287286656 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(138, 205, 128) }
```

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

```
.border{ border-color:rgb(138, 205, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 205, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 205, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 205, 128);  
box-shadow:4px 4px 4px 4px rgb(138, 205,  
128) }
```

# Background

The CSS property to change the background color of an element to Android 4287286656 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 205, 128) }
```

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

```
.background{ background-color: rgb(138,  
205, 128) }
```

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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