

# Converting Colors

Android(4286758807)

Have a look what the booklet for  
Android(4286758807) contains.

<b>Android(4286758807)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Android(4286758807)**

# Conversions

## Conversions Part 1

Format	Color
Hex	82BF97
RGB	130, 191, 151
RGB Percent	51%, 75%, 59%
CMY	0.4902, 0.2510, 0.4078
CMYK	0.32, 0.00, 0.21, 0.25
HSL	141°, 32%, 63%
HSV	141°, 32%, 75%
XYZ	33.4226, 44.2418, 36.0561
YIQ	168.2010, -23.5160, -25.3720

# Conversions

## Conversions Part 2

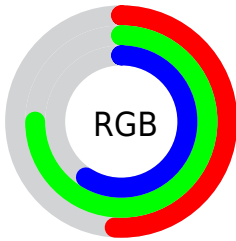
Format	Color
<a href="#">RYB</a>	<a href="#">130, 175, 191</a>
Decimal	<a href="#">8568727</a>
CIELab	<a href="#">72.39, -28.08, 14.03</a>
CIELCh	<a href="#">72, 31.385, 153.450</a>
Yxy	<a href="#">44.2418, 0.2939, 0.3890</a>
Android (android.graphics.Color)	<a href="#">4286758807 (0xFF82BF97)</a>
YUV	<a href="#">168.2010, -8.4801, -33.5023</a>
Hunter-Lab	<a href="#">66.5145, -26.7066, 14.4203</a>

# Details

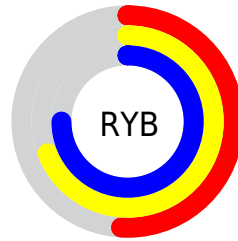
The Android color `4286758807` is a light color, and the websafe version is hex `99CC99`. A complement of this color would be `4290740906`, and the grayscale version is `4289243304`.

A 20% lighter version of the original color is `4290312397`, and `4283337060` is the 20% darker color. If you saturate the color by 10%, you get `4285513610`, and if you desaturate by 10%, it is `4288004004`.

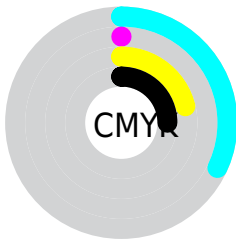
# Distribution



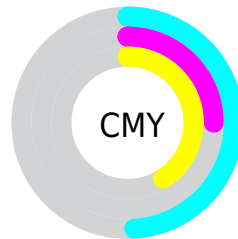
- Red (51%)
- Green (75%)
- Blue (59%)



- Red (51%)
- Yellow (69%)
- Blue (75%)



- Cyan (32%)
- Magenta (0%)
- Yellow (21%)
- Black (25%)



- Cyan (49%)
- Magenta (25%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4286758807 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 4286758807 by changing the saturation by 10% instead.





4286758807



4286758807

4294967295



4285047933



4290312397



4283337060



4292214761



4281692236



4294049791



4279916341



4278206240



4278200585



4278193920



4278190080



4286758807



4286758807

 4285513610


 4288004004


 4284268414

 4289249200

 4283023217

 4290494397

 4281778021

 4291739593

 4280467288

 4293050326

 4279222092

 4294295522

 4278239042

 4294950895

 4294950907

 4294950911

# Harmonies

## Analogous

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



4288985473



4286758807



4284727732

# Triad

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



4286758807



4287738858



4293500819

# Complementary

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



4286758807



4290740906

# 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.



4293500079



4286758807



4290423265

# Square

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



4286758807



4285053924



4292452556



4292585343

# Rectangle

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



4286758807



4283875783



4292452556



4293631388

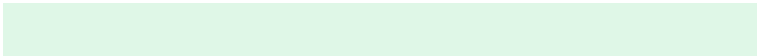


# Sweetspot

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



4286758807



4292868071



4289445762



4285431155



4294769916



4286414205

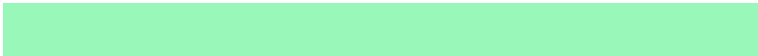


# Same Dimension

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



4286758807



4288280506



4286758837



4283784792



4278230582



4278198027



# Inverse Universe

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



4290740906



4294416855



4290740876



4284372315



4288544872

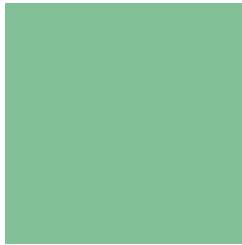


4280221716



# Previews

## White Background



This preview shows how the Android color 4286758807 looks on a white background.

## Color Contrast Check

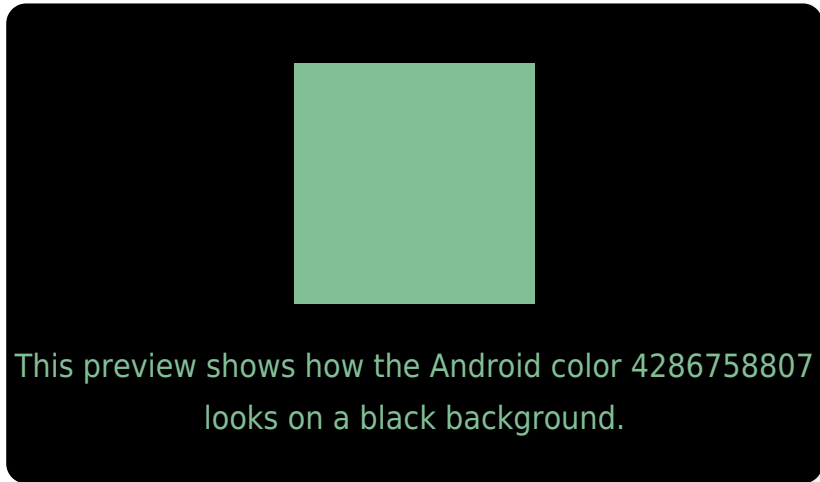
Large Text (above 18pt) WCAG AA × Fail

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 4286758807 Background



This preview shows how black text looks on a background with the Android color 4286758807.



This preview shows how white text looks on a background with the Android color 4286758807.

# 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**  
4286758807

**Protanomaly**  
4289115539

**Deuteranomaly**  
4289770138

**Tritanomaly**  
4287151030

# Monochromacy



**Original Color**  
4286758807

**Achromatopsia**  
4289243304

**Achromatomaly**  
4288327842

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4286758807 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(130, 191, 151)` looks like.

```
.text, #text, p{  
    color:rgb(130, 191, 151)  
}
```

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(130, 191, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 191, 151) }
```

## Border

The CSS property to change the border of an element to Android 4286758807 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(130, 191, 151) }
```

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

```
.border{ border-color:rgb(130, 191, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 191, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 191, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 191, 151);  
box-shadow:4px 4px 4px 4px rgb(130, 191,  
151) }
```

# Background

The CSS property to change the background color of an element to Android 4286758807 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 191, 151) }
```

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

```
.background{ background-color: rgb(130,  
191, 151) }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor