

# Converting Colors

Android(4287091104)

Have a look what the booklet for  
Android(4287091104) contains.

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# **Color**

**Android(4287091104)**

# Conversions

## Conversions Part 1

Format	Color
Hex	87D1A0
RGB	135, 209, 160
RGB Percent	53%, 82%, 63%
CMY	0.4706, 0.1804, 0.3725
CMYK	0.35, 0.00, 0.23, 0.18
HSL	140°, 45%, 67%
HSV	140°, 35%, 82%
XYZ	39.1373, 53.2899, 41.4809
YIQ	181.2880, -28.3750, -30.9270

# Conversions

## Conversions Part 2

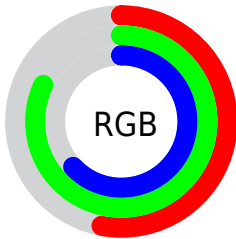
<b>Format</b>	<b>Color</b>
<b>RYB</b>	135, 190, 209
Decimal	8901024
CIELab	78.05, -33.39, 17.16
CIELCh	78, 37.541, 152.797
Yxy	53.2899, 0.2923, 0.3980
Android (android.graphics.Color)	4287091104 (0xFF87D1A0)
YUV	181.2880, -10.4950, -40.5946
Hunter-Lab	72.9999, -32.0510, 17.4094

# Details

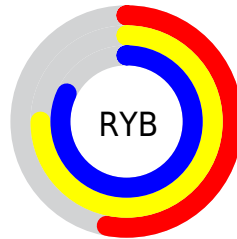
The Android color `4287091104` is a light color, and the websafe version is hex `99CC99`. A complement of this color would be `4291921848`, and the grayscale version is `4290098613`.

A 20% lighter version of the original color is `4290707415`, and `4283603564` is the 20% darker color. If you saturate the color by 10%, you get `4285714834`, and if you desaturate by 10%, it is `4288467374`.

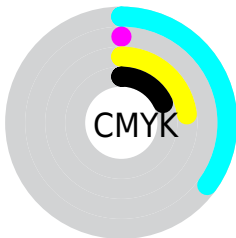
# Distribution



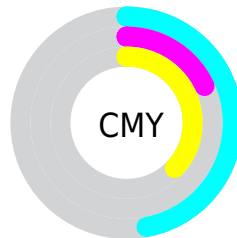
- Red (53%)
- Green (82%)
- Blue (63%)



- Red (53%)
- Yellow (75%)
- Blue (82%)



- Cyan (35%)
- Magenta (0%)
- Yellow (23%)
- Black (18%)



- Cyan (47%)
- Magenta (18%)
- Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4287091104 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 4287091104 by changing the saturation by 10% instead.





4287091104



4287091104

4294967295



4285314438



4290707415



4283603564



4292607987



4281827412



4294508543



4279920189



4278210086



4278203921



4278199040



4278190080



4287091104



4287091104

 4285714834


 4288467374

 4284338564

 4289843644

 4282962294

 4291219914

 4281586025

 4292596183

 4280275291

 4293972453

 4278899021

 4294955507

 4278243655

 4294955519

# Harmonies

## Analogous

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



4289776261



4287091104



4284339395

# Triad

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



4287091104



4288070655



4294945437

# Complementary

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



4287091104



4291921848

# 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.



4294944447



4287091104



4291475452

# Square

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



4287091104



4284468734



4293962977



4294161540

# Rectangle

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



4287091104



4282897627



4293962977



4294944936

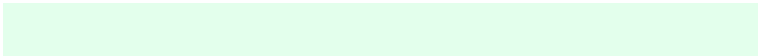


# Sweetspot

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



4287091104



4293132268



4290302343



4285497461



4278190080



4286611584

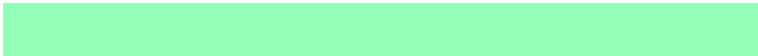


# Same Dimension

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



4287091104



4287954872



4287091141



4284377442



4278233145



4278200590



# Inverse Universe

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



4291921848



4294939867



4291921811



4285095525



4289200239



4280877083



# Previews

## White Background



This preview shows how the Android color 4287091104 looks on a white background.

## Color Contrast Check

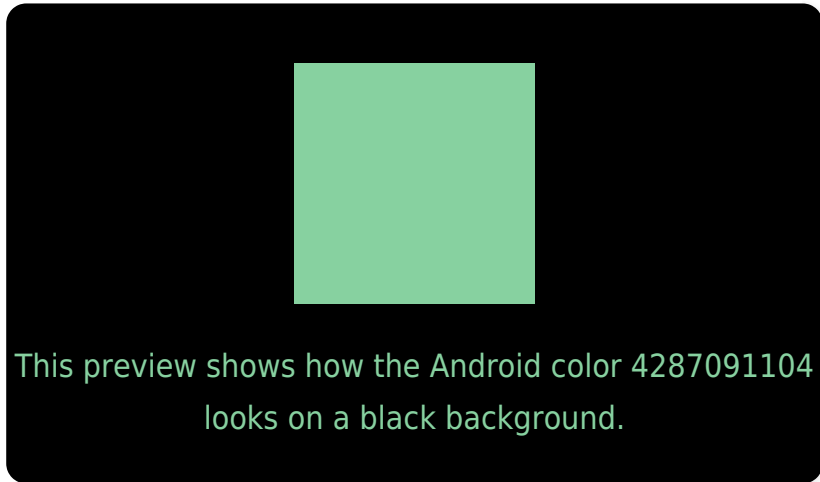
Large Text (above 18pt) WCAG AA × Fail

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 4287091104 Background



This preview shows how black text looks on a background with the Android color 4287091104.

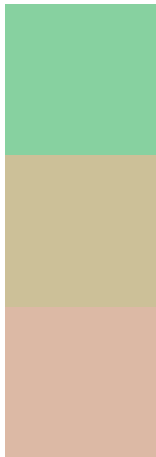


This preview shows how white text looks on a background with the Android color 4287091104.

# 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**  
4287091104

**Protanopia**  
4291608728

**Deuteranopia**  
4292655525



# Trichromacy



**Original Color**

4287091104



**Protanomaly**

4289971867



**Deuteranomaly**

4290626211



**Tritanomaly**

4287614148

# Monochromacy



**Original Color**

4287091104



**Achromatopsia**

4290098613



**Achromatomaly**

4288987053

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4287091104 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(135, 209, 160)` looks like.

```
.text, #text, p{  
    color:rgb(135, 209, 160)  
}
```

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(135, 209, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 209, 160) }
```

## Border

The CSS property to change the border of an element to Android 4287091104 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(135, 209, 160) }
```

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

```
.border{ border-color:rgb(135, 209, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 209, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 209, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 209, 160);  
box-shadow:4px 4px 4px 4px rgb(135, 209,  
160) }
```

# Background

The CSS property to change the background color of an element to Android 4287091104 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 209, 160) }
```

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

```
.background{ background-color: rgb(135,  
209, 160) }
```

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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