

# Converting Colors

Android(4287224471)

Have a look what the booklet for  
Android(4287224471) contains.

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# **Color**

**Android(4287224471)**

# Conversions

## Conversions Part 1

Format	Color
Hex	89DA97
RGB	137, 218, 151
RGB Percent	54%, 85%, 59%
CMY	0.4627, 0.1451, 0.4078
CMYK	0.37, 0.00, 0.31, 0.15
HSL	130°, 52%, 70%
HSV	130°, 37%, 85%
XYZ	40.9738, 57.6955, 38.2550
YIQ	186.1430, -26.7690, -38.0090

# Conversions

## Conversions Part 2

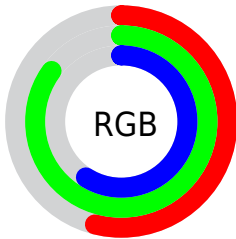
Format	Color
<a href="#">RYB</a>	<a href="#">137, 206, 218</a>
Decimal	<a href="#">9034391</a>
CIELab	<a href="#">80.57, -38.54, 25.37</a>
CIELCh	<a href="#">81, 46.139, 146.638</a>
Yxy	<a href="#">57.6955, 0.2992, 0.4214</a>
Android (android.graphics.Color)	<a href="#">4287224471</a> ( <a href="#">0xFF89DA97</a> )
YUV	<a href="#">186.1430, -17.3255, -43.0984</a>
Hunter-Lab	<a href="#">75.9576, -36.6374, 23.3097</a>

# Details

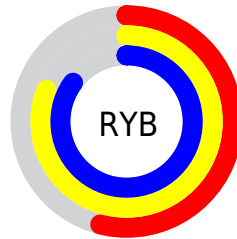
The Android color `4287224471` is a light color, and the websafe version is hex `66CC99`. A complement of this color would be `4292512204`, and the grayscale version is `4290427578`.

A 20% lighter version of the original color is `4290904014`, and `4283671396` is the 20% darker color. If you saturate the color by 10%, you get `4285782661`, and if you desaturate by 10%, it is `4288666281`.

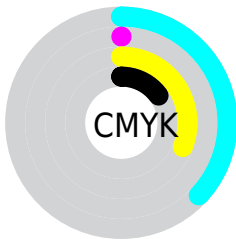
# Distribution



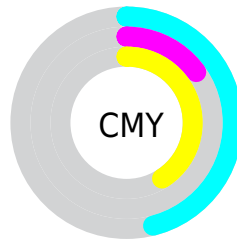
- Red (54%)
- Green (85%)
- Blue (59%)



- Red (54%)
- Yellow (81%)
- Blue (85%)



- Cyan (37%)
- Magenta (0%)
- Yellow (31%)
- Black (15%)



- Cyan (46%)
- Magenta (15%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4287224471 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 4287224471 by changing the saturation by 10% instead.



 4287224471

 4287224471

4294967295

 4285447805

 4290904014

 4283671396

 4292804586

 4281829451

 4294705151

 4279856692

 4278211869

 4278205702

 4278200320

 4278191104

 4278190080

 4287224471

 4287224471

 4285782661

 4288666281

 4284340851

 4290108091

 4282964577

 4291484365

 4281522767

 4292926175

 4280080957

 4294367985

 4278639147

 4294957823

 4278245926

# Harmonies

## Analogous

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



4290564473



4287224471



4282965697

# Triad

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



4287224471



4286435071



4294945188

# Complementary

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



4287224471



4292512204

# 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.



4294944463



4287224471



4291149823

# Square

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



4287224471



4278245887



4294553592



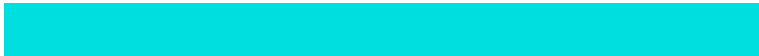
4294948225

# Rectangle

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



4287224471



4278247391



4294553592



4294944433

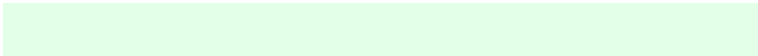


# Sweetspot

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



4287224471



4293132264



4291615369



4285497458



4278190080



4286611584

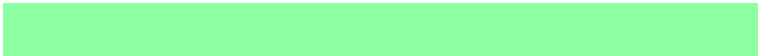


# Same Dimension

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



4287224471



4287430560



4287224511



4284706405



4278234398



4278201864



# Inverse Universe

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



4292512204



4294937835



4292512164



4285424492



4289527951



4281204774



# Previews

## White Background



This preview shows how the Android color 4287224471 looks on a white background.

## Color Contrast Check

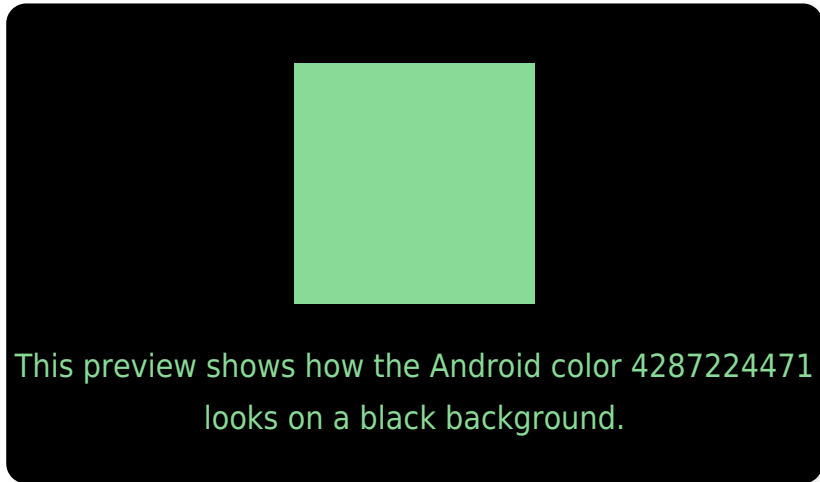
Large Text (above 18pt) WCAG AA × Fail

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 4287224471 Background



This preview shows how black text looks on a background with the Android color 4287224471.

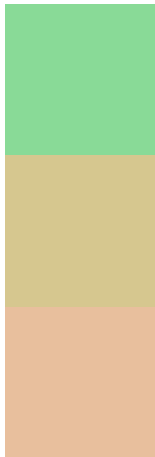


This preview shows how white text looks on a background with the Android color 4287224471.

# 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**  
4287224471

**Protanopia**  
4292265871

**Deuteranopia**  
4293443485

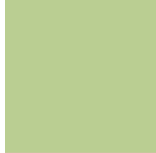


**Tritanopia**  
4288205281

# Trichromacy



**Original Color**  
4287224471



**Protanomaly**  
4290432658



**Deuteranomaly**  
4291152283

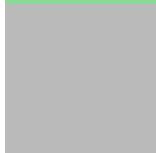


**Tritanomaly**  
4287878342

# Monochromacy



**Original Color**  
4287224471



**Achromatopsia**  
4290427578



**Achromatomaly**  
4289250989

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4287224471 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(137, 218, 151)` looks like.

```
.text, #text, p{  
    color:rgb(137, 218, 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(137, 218, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 218, 151) }
```

## Border

The CSS property to change the border of an element to Android 4287224471 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(137, 218, 151) }
```

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

```
.border{ border-color:rgb(137, 218, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 218, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(137, 218, 151); -webkit-box-shadow:4px 4px 4px 4px rgb(137, 218, 151); box-shadow:4px 4px 4px 4px rgb(137, 218, 151) }
```

# Background

The CSS property to change the background color of an element to Android 4287224471 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 218, 151) }
```

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

```
.background{ background-color: rgb(137,  
218, 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](#).



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