

# Converting Colors

Android(4287094438)

Have a look what the booklet for  
Android(4287094438) contains.

<b>Android(4287094438)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Android(4287094438)**

# Conversions

## Conversions Part 1

Format	Color
Hex	87DEA6
RGB	135, 222, 166
RGB Percent	53%, 87%, 65%
CMY	0.4706, 0.1294, 0.3490
CMYK	0.39, 0.00, 0.25, 0.13
HSL	141°, 57%, 70%
HSV	141°, 39%, 87%
XYZ	42.9959, 60.1466, 45.4197
YIQ	189.6030, -33.8760, -35.8600

# Conversions

## Conversions Part 2

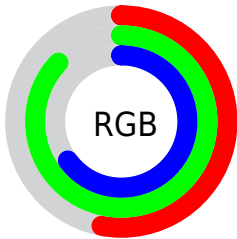
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">135, 199, 222</a>
Decimal	<a href="#">8904358</a>
CIELab	<a href="#">81.92, -38.23, 19.39</a>
CIELCh	<a href="#">82, 42.869, 153.113</a>
Yxy	<a href="#">60.1466, 0.2894, 0.4049</a>
Android (android.graphics.Color)	<a href="#">4287094438</a> ( <a href="#">0xFF87DEA6</a> )
YUV	<a href="#">189.6030, -11.6363, -47.8868</a>
Hunter-Lab	<a href="#">77.5543, -36.7600, 19.5647</a>

# Details

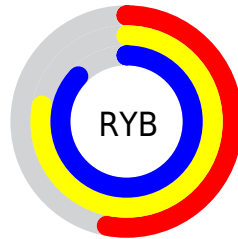
The Android color `4287094438` is a light color, and the websafe version is hex `66CC99`. A complement of this color would be `4292773823`, and the grayscale version is `4290690750`.

A 20% lighter version of the original color is `4290772957`, and `4283475570` is the 20% darker color. If you saturate the color by 10%, you get `4285652632`, and if you desaturate by 10%, it is `4288536244`.

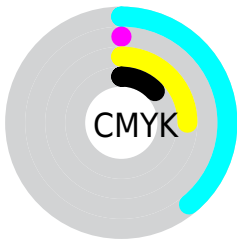
# Distribution



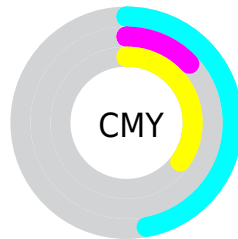
- Red (53%)
- Green (87%)
- Blue (65%)



- Red (53%)
- Yellow (78%)
- Blue (87%)



- Cyan (39%)
- Magenta (0%)
- Yellow (25%)
- Black (13%)



- Cyan (47%)
- Magenta (13%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4287094438 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 4287094438 by changing the saturation by 10% instead.



 4287094438

 4287094438

4294967295

 4285317772

 4290772957

 4283475570

 4292673530

 4281633881

 4294574079

 4279398977

 4278212651

 4278206485

 4278200832

 4278193408

 4278190080

 4287094438

 4287094438

 4285652632

 4288536244

 4284210825

 4289978051

 4282703483

 4291485393

 4281261677

 4292927199

 4279819871

 4294369005

 4278378064

 4294958844

 4278246991

 4294958847

# Harmonies

## Analogous

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



4290303623



4287094438



4283490767

# Triad

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



4287094438



4288204543



4294947234

# Complementary

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



4287094438



4292773823

# 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.



4294945993



4287094438



4292264191

# Square

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



4287094438



4283554303



4294947569



4294950277

# Rectangle

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



4287094438



4280869354



4294947569



4294946478

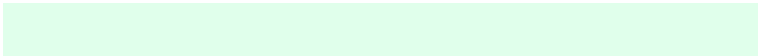


# Sweetspot

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



4287094438



4292935659



4290829959



4285431924



4278190080



4286611584

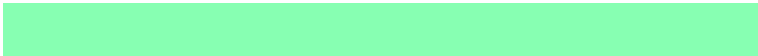


# Same Dimension

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



4287094438



4287102898



4287094481



4284837993



4278235199



4278202385



# Inverse Universe

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



4292773823



4294936532



4292773780



4285556076



4289724529

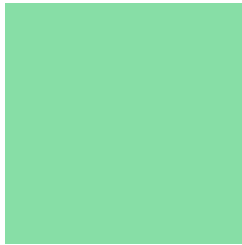


4281335839



# Previews

## White Background



This preview shows how the Android color 4287094438 looks on a white background.

## Color Contrast Check

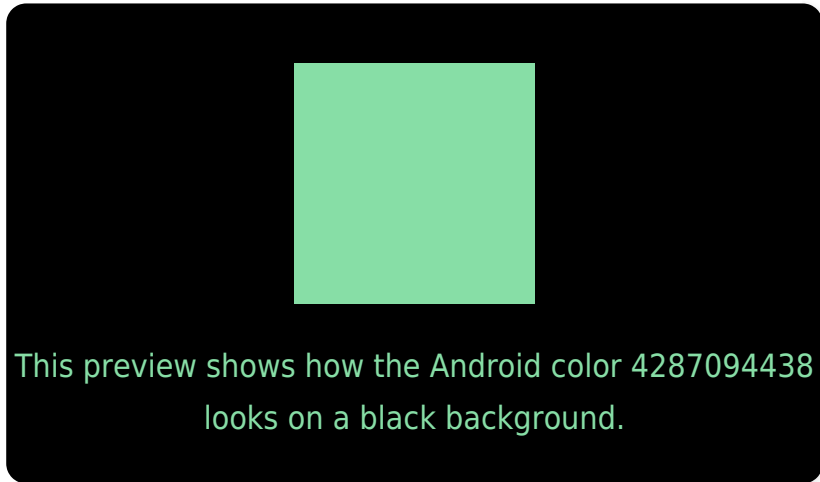
Large Text (above 18pt) WCAG AA × Fail

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 4287094438 Background



This preview shows how black text looks on a background with the Android color 4287094438.

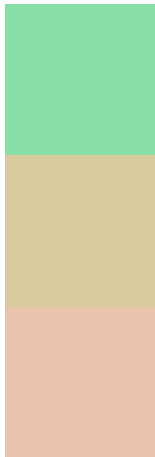


This preview shows how white text looks on a background with the Android color 4287094438.

# 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**  
4287094438

**Protanopia**  
4292397725

**Deuteranopia**  
4293510060



# Trichromacy



**Original Color**  
4287094438



**Protanomaly**  
4290498976



**Deuteranomaly**  
4291153322



**Tritanomaly**  
4287682767

# Monochromacy



**Original Color**  
4287094438



**Achromatopsia**  
4290690750



**Achromatomaly**  
4289383093

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4287094438 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, 222, 166)` looks like.

```
.text, #text, p{  
    color:rgb(135, 222, 166)  
}
```

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, 222, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 222, 166) }
```

## Border

The CSS property to change the border of an element to Android 4287094438 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, 222, 166) }
```

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

```
.border{ border-color:rgb(135, 222, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 222, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 222, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 222, 166);  
box-shadow:4px 4px 4px 4px rgb(135, 222,  
166) }
```

# Background

The CSS property to change the background color of an element to Android 4287094438 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 222, 166) }
```

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

```
.background{ background-color: rgb(135,  
222, 166) }
```

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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