

# Converting Colors

Android(4287165808)

Have a look what the booklet for  
Android(4287165808) contains.

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# **Color**

**Android(4287165808)**

# Conversions

## Conversions Part 1

Format	Color
Hex	88F570
RGB	136, 245, 112
RGB Percent	53%, 96%, 44%
CMY	0.4667, 0.0392, 0.5608
CMYK	0.44, 0.00, 0.54, 0.04
HSL	109°, 87%, 70%
HSV	109°, 54%, 96%
XYZ	45.7304, 71.7089, 26.7602
YIQ	197.2470, -22.2710, -64.4710

# Conversions

## Conversions Part 2

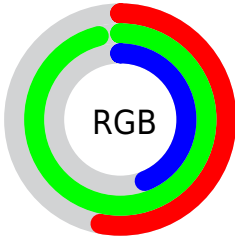
<b>Format</b>	<b>Color</b>
<b>RYB</b>	112, 245, 221
Decimal	8975728
CIELab	87.83, -55.74, 53.74
CIElCh	88, 77.425, 136.049
Yxy	71.7089, 0.3171, 0.4973
Android (android.graphics.Color)	4287165808 (0xFF88F570)
YUV	197.2470, -42.0268, -53.7136
Hunter-Lab	84.6811, -51.7965, 40.5405

# Details

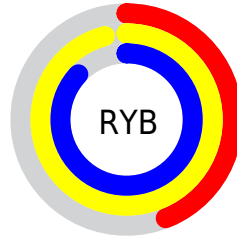
The Android color `4287165808` is a light color, and the websafe version is hex `99FF66`. A complement of this color would be `4292702453`, and the grayscale version is `4291217094`.

A 20% lighter version of the original color is `4291035047`, and `4283219002` is the 20% darker color. If you saturate the color by 10%, you get `4285855063`, and if you desaturate by 10%, it is `4288476553`.

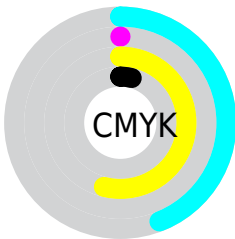
# Distribution



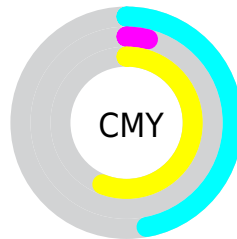
- Red (53%)
- Green (96%)
- Blue (44%)



- Red (44%)
- Yellow (96%)
- Blue (87%)



- Cyan (44%)
- Magenta (0%)
- Yellow (54%)
- Black (4%)



- Cyan (47%)
- Magenta (4%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4287165808 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 4287165808 by changing the saturation by 10% instead.



 4287165808

 4287165808

4294967295

 4285257813

 4291035047

 4283219002

 4293001155

 4280918045

 4294967263

 4278224128

4294967293

 4278217472

 4278211072

 4278204672

 4278198784

 4278190080

 4287165808

 4287165808

 4285855063

 4288476553

 4284544319


 4289787297

 4283233574

 4291098042

 4281922830

 4292408786

 4281136384

 4293719531

 4294964735

# Harmonies

## Analogous

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



4292732224



4287165808



4278255286

# Triad

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



4287165808



4278251263



4294941112

# Complementary

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



4287165808



4292702453

# 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.



4294942207



4287165808



4288468991

# Square

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



4287165808



4278254591



4294949119



4294946677

# Rectangle

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



4287165808



4278255593



4294949119



4294940624

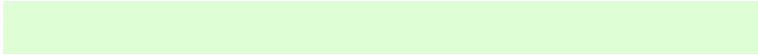


# Sweetspot

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



4287165808



4292804566



4294303088



4285300839



4278190080



4286611584



# Same Dimension

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



4287165808



4286054233



4285592986



4285561454



4280465920



4278926080



# Inverse Universe

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



4292702453



4292958719



4294275275



4286082682



4288217274

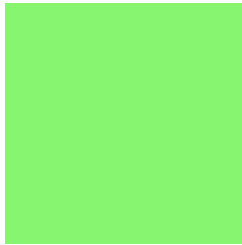


4281335867



# Previews

## White Background



This preview shows how the Android color 4287165808 looks on a white background.

## Color Contrast Check

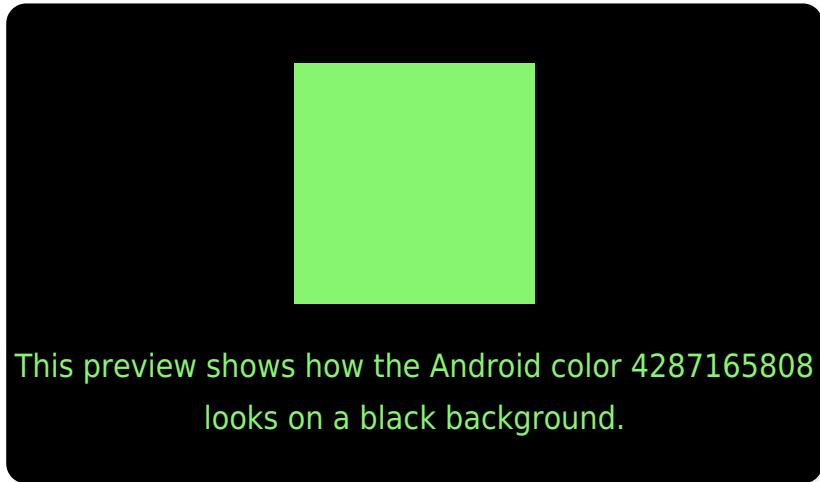
Large Text (above 18pt) WCAG AA × Fail

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

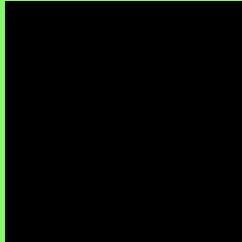
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

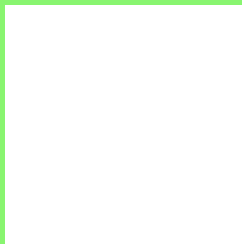
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4287165808 Background



This preview shows how black text looks on a background with the Android color 4287165808.

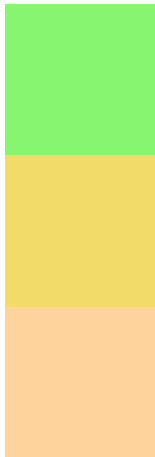


This preview shows how white text looks on a background with the Android color 4287165808.

# 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**  
4287165808

**Protanopia**  
4294105960

**Deuteranopia**  
4294956188

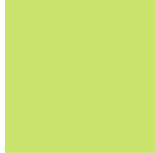


**Tritanopia**  
4288866041

# Trichromacy



**Original Color**  
4287165808



**Protanomaly**  
4291552363



**Deuteranomaly**  
4292141196

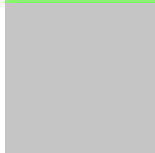


**Tritanomaly**  
4288277447

# Monochromacy



**Original Color**  
4287165808



**Achromatopsia**  
4291151301



**Achromatomaly**  
4289713830

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4287165808 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(136, 245, 112)` looks like.

```
.text, #text, p{  
    color:rgb(136, 245, 112)  
}
```

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(136, 245, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 245, 112) }
```

## Border

The CSS property to change the border of an element to Android 4287165808 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(136, 245, 112) }
```

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

```
.border{ border-color:rgb(136, 245, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 245, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 245, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 245, 112);  
box-shadow:4px 4px 4px 4px rgb(136, 245,  
112) }
```

# Background

The CSS property to change the background color of an element to Android 4287165808 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 245, 112) }
```

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

```
.background{ background-color: rgb(136,  
245, 112) }
```

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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