

# Converting Colors

Android(4288408713)

Have a look what the booklet for  
Android(4288408713) contains.

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# **Color**

**Android(4288408713)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9BEC89
RGB	155, 236, 137
RGB Percent	61%, 93%, 54%
CMY	0.3922, 0.0745, 0.4627
CMYK	0.34, 0.00, 0.42, 0.07
HSL	109°, 72%, 73%
HSV	109°, 42%, 93%
XYZ	48.0284, 68.7656, 34.4086
YIQ	200.4950, -16.4970, -47.9610

# Conversions

## Conversions Part 2

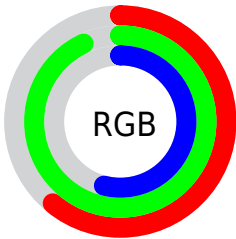
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">137, 236, 218</a>
Decimal	<a href="#">10218633</a>
CIELab	<a href="#">86.39, -43.08, 40.30</a>
CIElCh	<a href="#">86, 58.991, 136.905</a>
Yxy	<a href="#">68.7656, 0.3176, 0.4548</a>
Android (android.graphics.Color)	<a href="#">4288408713 (0xFF9BEC89)</a>
YUV	<a href="#">200.4950, -31.3030, -39.8991</a>
Hunter-Lab	<a href="#">82.9250, -41.7355, 33.4459</a>

# Details

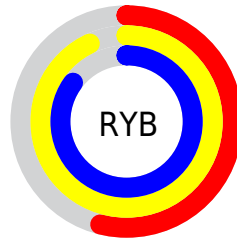
The Android color `4288408713` is a light color, and the websafe version is hex `99FF99`. A complement of this color would be `4292512236`, and the grayscale version is `4291414473`.

A 20% lighter version of the original color is `4292149184`, and `4284789845` is the 20% darker color. If you saturate the color by 10%, you get `4287163505`, and if you desaturate by 10%, it is `4289653921`.

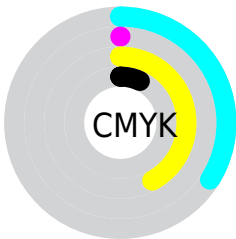
# Distribution



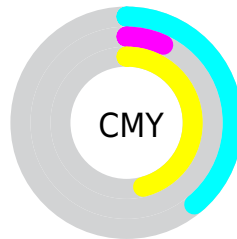
- Red (61%)
- Green (93%)
- Blue (54%)



- Red (54%)
- Yellow (93%)
- Blue (85%)



- Cyan (34%)
- Magenta (0%)
- Yellow (42%)
- Black (7%)



- Cyan (39%)
- Magenta (7%)
- Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4288408713 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 4288408713 by changing the saturation by 10% instead.



 4288408713

 4288408713

4294967295

 4286566255

 4292149184

 4284789845

 4294049756

 4282947644

 4294967289

 4281040419

 4278281222

 4278209536

 4278203392

 4278197760

 4278190080

 4288408713

 4288408713

 4287163505

 4289653921

 4285852762

 4290964664

 4284607554


 4292209872

 4283362347

 4293455079

 4282051603

 4294765823

 4281068544

 4294962431

# Harmonies

## Analogous

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



4292599657



4288408713



4282053565

# Triad

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



4288408713



4279231999



4294945467

# Complementary

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



4288408713



4292512236

# 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.



4294946035



4288408713



4290106367

# Square

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



4288408713



4278251775



4294950399



4294949001

# Rectangle

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



4288408713



4278253028



4294950399



4294945229

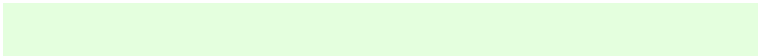


# Sweetspot

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



4288408713



4293197790



4293712521



4285497451



4278190080



4286611584



# Same Dimension

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



4288408713



4288151424



4287229096



4285298026



4280399104



4278859264



# Inverse Universe

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



4292512236



4293427455



4293691853



4285753973



4287889589

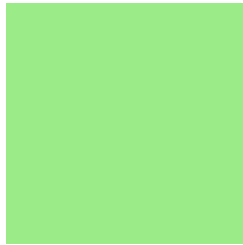


4281073718



# Previews

## White Background



This preview shows how the Android color 4288408713 looks on a white background.

## Color Contrast Check

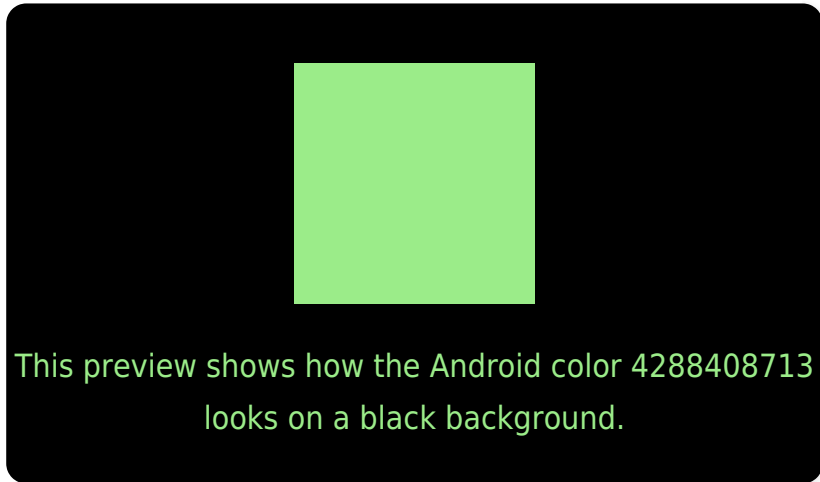
Large Text (above 18pt) WCAG AA × Fail

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 4288408713 Background



This preview shows how black text looks on a background with the Android color 4288408713.

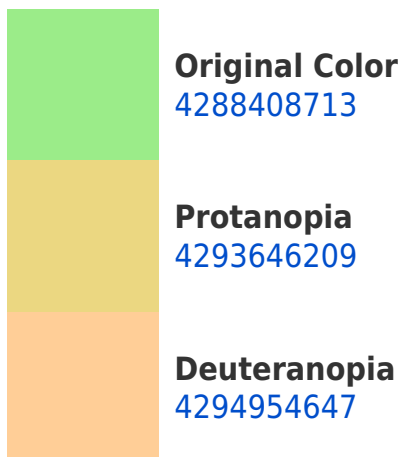


This preview shows how white text looks on a background with the Android color 4288408713.

# 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

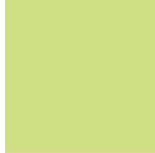




# Trichromacy



**Original Color**  
4288408713



**Protanomaly**  
4291747716



**Deuteranomaly**  
4292598162

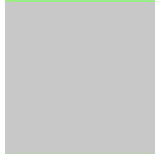


**Tritanomaly**  
4289127628

# Monochromacy



**Original Color**  
4288408713



**Achromatopsia**  
4291348680



**Achromatomaly**  
4290303409

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4288408713 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(155, 236, 137)` looks like.

```
.text, #text, p{  
    color:rgb(155, 236, 137)  
}
```

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(155, 236, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 236, 137) }
```

## Border

The CSS property to change the border of an element to Android 4288408713 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(155, 236, 137) }
```

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

```
.border{ border-color:rgb(155, 236, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 236, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 236, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 236, 137);  
box-shadow:4px 4px 4px 4px rgb(155, 236,  
137) }
```

# Background

The CSS property to change the background color of an element to Android 4288408713 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 236, 137) }
```

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

```
.background{ background-color: rgb(155,  
236, 137) }
```

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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