

# Converting Colors

Android(4288209752)

Have a look what the booklet for  
Android(4288209752) contains.

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# Color

**Android(4288209752)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	98E358
RGB	152, 227, 88
RGB Percent	60%, 89%, 35%
CMY	0.4039, 0.1098, 0.6549
CMYK	0.33, 0.00, 0.61, 0.11
HSL	92°, 71%, 62%
HSV	92°, 61%, 89%
XYZ	42.1794, 62.3182, 19.0380
YIQ	188.7290, -0.0810, -59.1290

# Conversions

## Conversions Part 2

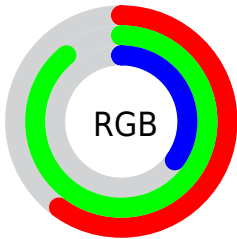
<b>Format</b>	<b>Color</b>
<b>RYB</b>	88, 227, 163
Decimal	10019672
CIELab	83.08, -45.70, 58.99
CIElCh	83, 74.625, 127.763
Yxy	62.3182, 0.3414, 0.5045
Android (android.graphics.Color)	4288209752 (0xFF98E358)
YUV	188.7290, -49.6594, -32.2113
Hunter-Lab	78.9418, -42.7739, 40.9606

# Details

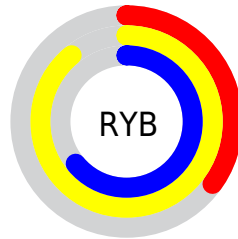
The Android color **4288209752** is a light color, and the websafe version is hex **99CC33**. The color can be described as light muted chartreuse. A complement of this color would be **4288895203**, and the grayscale version is **4290624957**.

A 20% lighter version of the original color is **4292018063**, and **4284459806** is the 20% darker color. If you saturate the color by 10%, you get **4287423297**, and if you desaturate by 10%, it is **4288996207**.

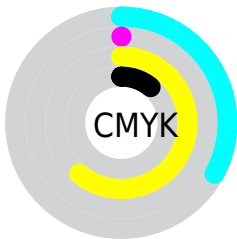
# Distribution



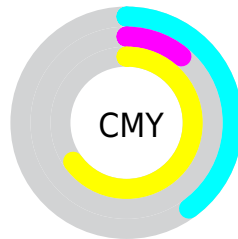
- Red (60%)
- Green (89%)
- Blue (35%)



- Red (35%)
- Yellow (89%)
- Blue (64%)



- Cyan (33%)
- Magenta (0%)
- Yellow (61%)
- Black (11%)


















- Cyan (40%)
- Magenta (11%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4288209752 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 4288209752 by changing the saturation by 10% instead.



 4288209752	 4288209752
4294967295	 4286367548
 4292018063	 4284459806
 4293918635	 4282552320
 4294967239	 4280448512
 4294967268	 4278213888
	 4278207488
	 4278201856
	 4278194944
	 4278190080

 4288209752

 4288209752

 4287423297

 4288996207

 4286636843

 4289782661

 4285784852

 4290634652

 4285129472

 4291421107

 4292207562

 4292994016

 4293846007

 4294632447

 4294960127

# Harmonies

## Analogous

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



4293120308



4288209752



4278250903

# Triad

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



4288209752



4278248703



4294938047

# Complementary

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



4288209752



4288895203

# 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.



4294940927



4288209752



4284207615

# Square

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



4288209752



4278251263



4293571839



4294941821

# Rectangle

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



4288209752



4278251719



4293571839



4294938327

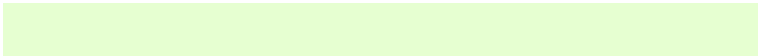


# Sweetspot

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



4288209752



4293328849



4293108312



4285562979



4278190080



4286611584



# Same Dimension

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



4288209752



4288413509



4284015453



4285363047



4283609856



4279710464



# Inverse Universe

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



4288895203



4289283583



4293089502



4285359987



4284481715

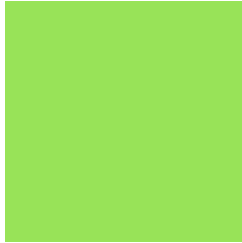


4280025139



# Previews

## White Background



This preview shows how the Android color 4288209752 looks on a white background.

## Color Contrast Check

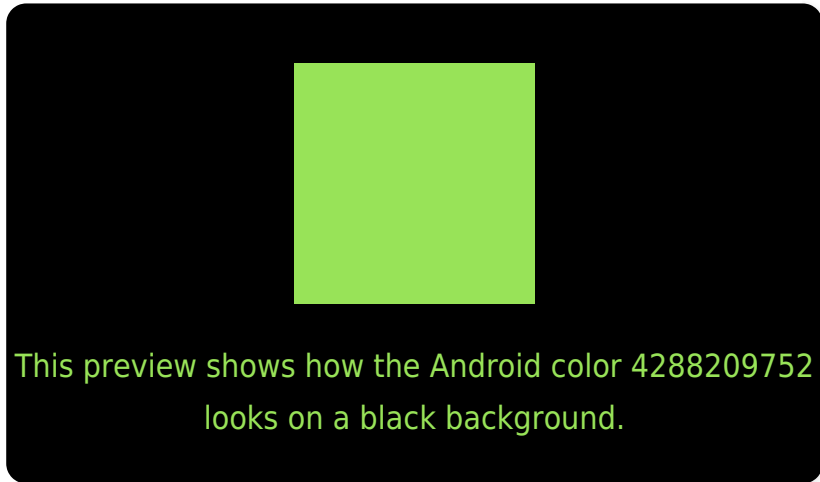
Large Text (above 18pt) WCAG AA × Fail

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 4288209752 Background



This preview shows how black text looks on a background with the Android color 4288209752.

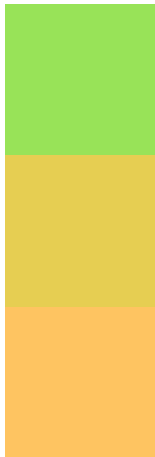


This preview shows how white text looks on a background with the Android color 4288209752.

# 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**  
4288209752

**Protanopia**  
4293316178

**Deuteranopia**  
4294886497



# Trichromacy



**Original Color**

4288209752



**Protanomaly**

4291483220



**Deuteranomaly**

4292464478



**Tritanomaly**

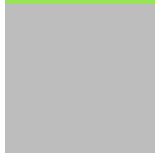
4289059506

# Monochromacy



**Original Color**

4288209752



**Achromatopsia**

4290624957



**Achromatomaly**

4289776536

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4288209752 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(152, 227, 88)` looks like.

```
.text, #text, p{  
    color:rgb(152, 227, 88)  
}
```

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(152, 227, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 227, 88) }
```

## Border

The CSS property to change the border of an element to Android 4288209752 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(152, 227, 88) }
```

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

```
.border{ border-color:rgb(152, 227, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 227, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 227, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 227, 88);  
box-shadow:4px 4px 4px 4px rgb(152, 227,  
88) }
```

# Background

The CSS property to change the background color of an element to Android 4288209752 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 227, 88) }
```

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

```
.background{ background-color: rgb(152,  
227, 88) }
```

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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