

# Converting Colors

Android(4288927358)

Have a look what the booklet for  
Android(4288927358) contains.

<b>Android(4288927358)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Android(4288927358)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A3D67E
RGB	163, 214, 126
RGB Percent	64%, 84%, 49%
CMY	0.3608, 0.1608, 0.5059
CMYK	0.24, 0.00, 0.41, 0.16
HSL	95°, 52%, 67%
HSV	95°, 41%, 84%
XYZ	42.9167, 57.3860, 28.5533
YIQ	188.7190, -2.1480, -38.1800

# Conversions

## Conversions Part 2

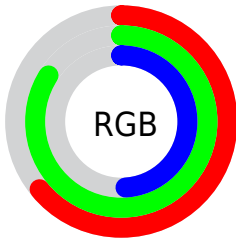
Format	Color
<a href="#">RYB</a>	<a href="#">126, 214, 177</a>
Decimal	<a href="#">10737278</a>
CIELab	<a href="#">80.40, -31.91, 38.18</a>
CIElCh	<a href="#">80, 49.764, 129.886</a>
Yxy	<a href="#">57.3860, 0.3331, 0.4453</a>
Android (android.graphics.Color)	<a href="#">4288927358 (0xFFA3D67E)</a>
YUV	<a href="#">188.7190, -30.9205, -22.5556</a>
Hunter-Lab	<a href="#">75.7536, -31.4430, 30.6797</a>

# Details

The Android color `4288927358` is a light color, and the websafe version is hex `99CC66`. A complement of this color would be `4289822422`, and the grayscale version is `4290624957`.

A 20% lighter version of the original color is `4292607924`, and `4285374283` is the 20% darker color. If you saturate the color by 10%, you get `4288140905`, and if you desaturate by 10%, it is `4289713811`.

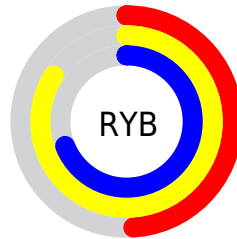
# Distribution



Red (64%)

Green (84%)

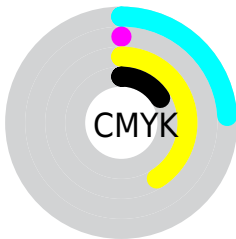
Blue (49%)



Red (49%)

Yellow (84%)

Blue (69%)

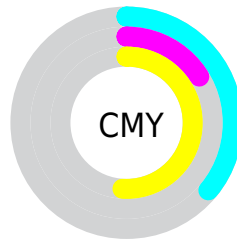


Cyan (24%)

Magenta (0%)

Yellow (41%)

Black (16%)



Cyan (36%)

Magenta (16%)

Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4288927358 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 4288927358 by changing the saturation by 10% instead.



 4288927358

 4288927358

4294967295

 4287150692

 4292607924

 4285374283

 4294508496

 4283663667

 4294967276

 4281953050


 4280242944

 4278336256

 4278199808

 4278190848

 4278190080

 4288927358

 4288927358

 4288140905

 4289713811

 4287288915

 4290565801

 4286502462

 4291352254

 4285650472

 4292204244

 4284864019

 4292990697

 4284143104

 4293777150

 4294629119

 4294956799

# Harmonies

## Analogous

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



4292266602



4288927358



4284800422

# Triad

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



4288927358



4280800767



4294943418

# Complementary

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



4288927358



4289822422

# 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.



4294944489



4288927358



4288268287

# Square

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



4288927358



4278246911



4292916735



4294945422

# Rectangle

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



4288927358



4280148166



4292916735



4294943433

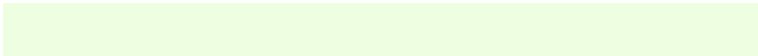


# Sweetspot

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



4288927358



4293787616



4292259966



4285890670



4278190080



4286611584

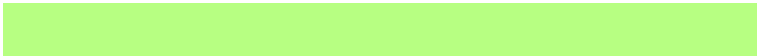


# Same Dimension

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



4288927358



4290248578



4286502532



4284836704



4282952448



4279380736



# Inverse Universe

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



4289822422



4291461887



4292247248



4284964971



4284678315



4279828523



# Previews

## White Background



This preview shows how the Android color 4288927358 looks on a white background.

## Color Contrast Check

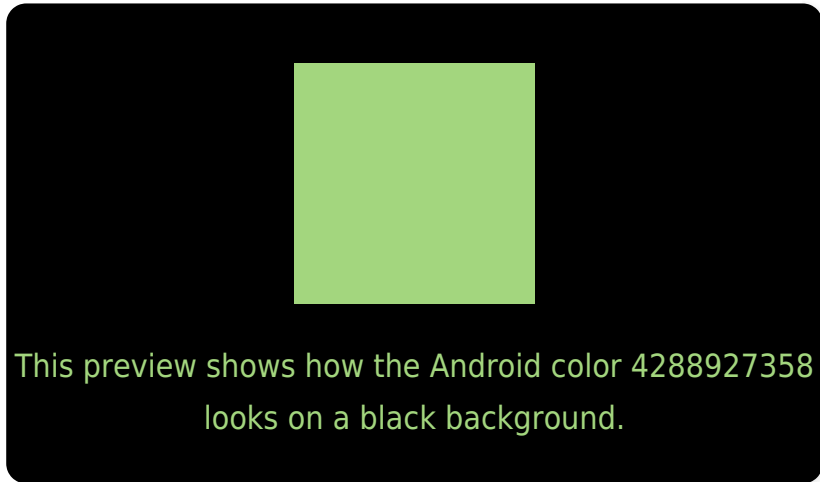
Large Text (above 18pt) WCAG AA × Fail

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 4288927358 Background



This preview shows how black text looks on a background with the Android color 4288927358.



This preview shows how white text looks on a background with the Android color 4288927358.

# 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**  
4288927358



**Protanomaly**  
4291153018



**Deuteranomaly**  
4292069249

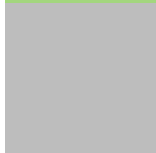


**Tritanomaly**  
4289515449

# Monochromacy



**Original Color**  
4288927358



**Achromatopsia**  
4290624957



**Achromatomaly**  
4290037414

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4288927358 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(163, 214, 126)` looks like.

```
.text, #text, p{  
    color:rgb(163, 214, 126)  
}
```

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(163, 214, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 214, 126) }
```

## Border

The CSS property to change the border of an element to Android 4288927358 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(163, 214, 126) }
```

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

```
.border{ border-color:rgb(163, 214, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 214, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 214, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 214, 126);  
box-shadow:4px 4px 4px 4px rgb(163, 214,  
126) }
```

# Background

The CSS property to change the background color of an element to Android 4288927358 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 214, 126) }
```

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

```
.background{ background-color: rgb(163,  
214, 126) }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor