

# Converting Colors

Android(4288730759)

Have a look what the booklet for  
Android(4288730759) contains.

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# **Color**

**Android(4288730759)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A0D687
RGB	160, 214, 135
RGB Percent	63%, 84%, 53%
CMY	0.3725, 0.1608, 0.4706
CMYK	0.25, 0.00, 0.37, 0.16
HSL	101°, 49%, 68%
HSV	101°, 37%, 84%
XYZ	42.9169, 57.3160, 31.7228
YIQ	188.8480, -6.8250, -36.0170

# Conversions

## Conversions Part 2

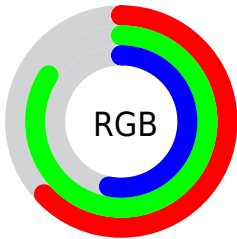
<b>Format</b>	<b>Color</b>
<b>RYB</b>	135, 214, 189
Decimal	10540679
CIELab	80.36, -31.74, 33.55
CIElCh	80, 46.183, 133.418
Yxy	57.3160, 0.3252, 0.4344
Android (android.graphics.Color)	4288730759 (0xFFA0D687)
YUV	188.8480, -26.5471, -25.2997
Hunter-Lab	75.7073, -31.2998, 28.1515

# Details

The Android color `4288730759` is a light color, and the websafe version is hex `99CC66`. A complement of this color would be `4290611158`, and the grayscale version is `4290624957`.

A 20% lighter version of the original color is `4292411325`, and `4285177684` is the 20% darker color. If you saturate the color by 10%, you get `4287747698`, and if you desaturate by 10%, it is `4289713820`.

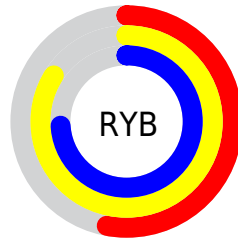
# Distribution



Red (63%)

Green (84%)

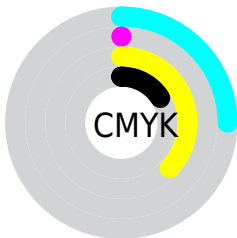
Blue (53%)



Red (53%)

Yellow (84%)

Blue (74%)

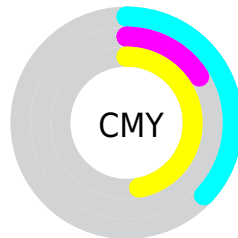


Cyan (25%)

Magenta (0%)

Yellow (37%)

Black (16%)



Cyan (37%)

Magenta (16%)

Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4288730759 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 4288730759 by changing the saturation by 10% instead.





4288730759



4288730759

4294967295



4286954093



4292411325



4285177684



4294311897



4283532604



4294967286



4281821988



4280111627



4278270720



4278199808



4278190592



4278190080

 4288730759

 4288730759


 4287747698

 4289713820

 4286830172

 4290631346

 4285847111

 4291614407

 4284864049

 4292597469

 4283946524

 4293514994

 4282963463

 4294498047

 4282701312

 4294956799

# Harmonies

## Analogous

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



4291873650



4288730759



4284996781

# Triad

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



4288730759



4283749375



4294944181

# Complementary

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



4288730759



4290611158

# 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.



4294944993



4288730759



4289185279

# Square

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



4288730759



4278246399



4293244415



4294946446

# Rectangle

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



4288730759



4281523915



4293244415



4294944196

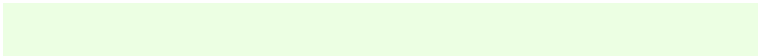


# Sweetspot

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



4288730759



4293722083



4292263303



4285825135



4278190080



4286611584

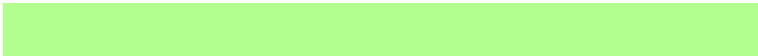


# Same Dimension

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



4288730759



4289920911



4287092373



4284771168



4281772800



4279118592



# Inverse Universe

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



4290611158



4292579327



4292249544



4285030507



4285857963



4280156203



# Previews

## White Background



This preview shows how the Android color 4288730759 looks on a white background.

## Color Contrast Check

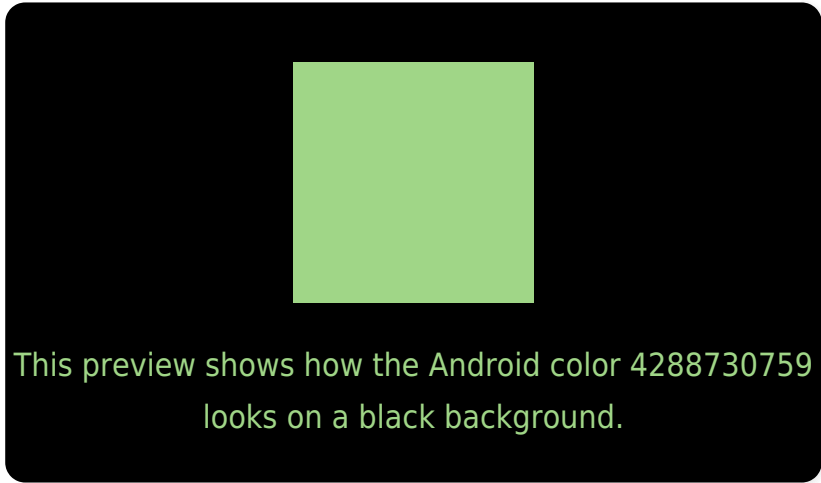
Large Text (above 18pt) WCAG AA × Fail

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 4288730759 Background



This preview shows how black text looks on a background with the Android color 4288730759.



This preview shows how white text looks on a background with the Android color 4288730759.

# 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**  
4288730759

**Protanopia**  
4292396929

**Deuteranopia**  
4293705356



# Trichromacy



**Original Color**  
4288730759



**Protanomaly**  
4291087491



**Deuteranomaly**  
4291872650



**Tritanomaly**  
4289319101

# Monochromacy



**Original Color**  
4288730759



**Achromatopsia**  
4290624957



**Achromatomaly**  
4289906345

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4288730759 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(160, 214, 135)` looks like.

```
.text, #text, p{  
    color:rgb(160, 214, 135)  
}
```

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(160, 214, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 214, 135) }
```

## Border

The CSS property to change the border of an element to Android 4288730759 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(160, 214, 135) }
```

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

```
.border{ border-color:rgb(160, 214, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 214, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 214, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 214, 135);  
box-shadow:4px 4px 4px 4px rgb(160, 214,  
135) }
```

# Background

The CSS property to change the background color of an element to Android 4288730759 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 214, 135) }
```

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

```
.background{ background-color: rgb(160,  
214, 135) }
```

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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