

# Converting Colors

Android(4288271761)

Have a look what the booklet for  
Android(4288271761) contains.

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# **Color**

**Android(4288271761)**

# Conversions

## Conversions Part 1

Format	Color
Hex	99D591
RGB	153, 213, 145
RGB Percent	60%, 84%, 57%
CMY	0.4000, 0.1647, 0.4314
CMYK	0.28, 0.00, 0.32, 0.16
HSL	113°, 45%, 70%
HSV	113°, 32%, 84%
XYZ	42.0420, 56.4051, 35.4595
YIQ	187.3080, -13.9320, -33.8680

# Conversions

## Conversions Part 2

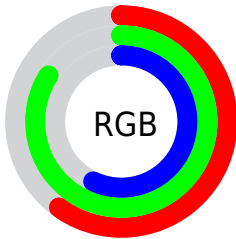
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">145, 213, 205</a>
Decimal	<a href="#">10081681</a>
CIELab	<a href="#">79.84, -32.16, 27.65</a>
CIELCh	<a href="#">80, 42.407, 139.311</a>
Yxy	<a href="#">56.4051, 0.3140, 0.4212</a>
Android (android.graphics.Color)	<a href="#">4288271761 (0xFF99D591)</a>
YUV	<a href="#">187.3080, -20.8578, -30.0881</a>
Hunter-Lab	<a href="#">75.1034, -31.5087, 24.5790</a>

# Details

The Android color `4288271761` is a light color, and the websafe version is hex `99CC99`. A complement of this color would be `4291662293`, and the grayscale version is `4290559164`.

A 20% lighter version of the original color is `4291952583`, and `4284784222` is the 20% darker color. If you saturate the color by 10%, you get `4287026556`, and if you desaturate by 10%, it is `4289516966`.

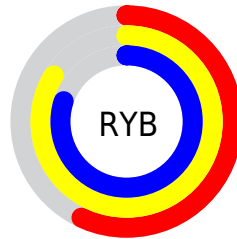
# Distribution



Red (60%)

Green (84%)

Blue (57%)



Red (57%)

Yellow (84%)

Blue (80%)

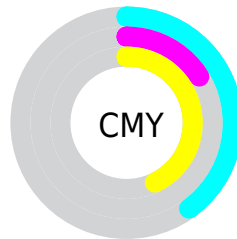


Cyan (28%)

Magenta (0%)

Yellow (32%)

Black (16%)



Cyan (40%)

Magenta (16%)

Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4288271761 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 4288271761 by changing the saturation by 10% instead.





4288271761



4288271761

4294967295



4286495095



4291952583



4284784222



4293787620



4283073606



4281362990



4279587096



4278204928



4278199552



4278190080



4288271761



4288271761

 4287026556

 4289516966

 4285781350

 4290762172

 4284601681

 4291941841

 4283356476

 4293187046

 4282111270

 4294432251

 4280866065

 4294956543

 4279883008

# Harmonies

## Analogous

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



4291218554



4288271761



4284865206

# Triad

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



4288271761



4285779711



4294944942

# Complementary

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



4288271761



4291662293

# 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.



4294945238



4288271761



4290167295

# Square

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



4288271761



4280932351



4293571578



4294947212

# Rectangle

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



4288271761



4282309585



4293571578



4294944699

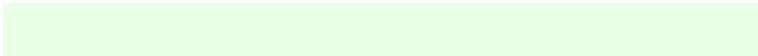


# Sweetspot

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



4288271761



4293525478



4292201617



4285694064



4278190080



4286611584

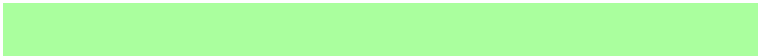


# Same Dimension

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



4288271761



4289396638



4287747498



4284640096



4279544576



4278528768



# Inverse Universe

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



4291662293



4294221567



4292186556



4285161579



4288086187

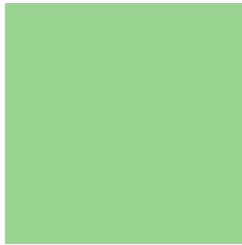


4280680491



# Previews

## White Background



This preview shows how the Android color 4288271761 looks on a white background.

## Color Contrast Check

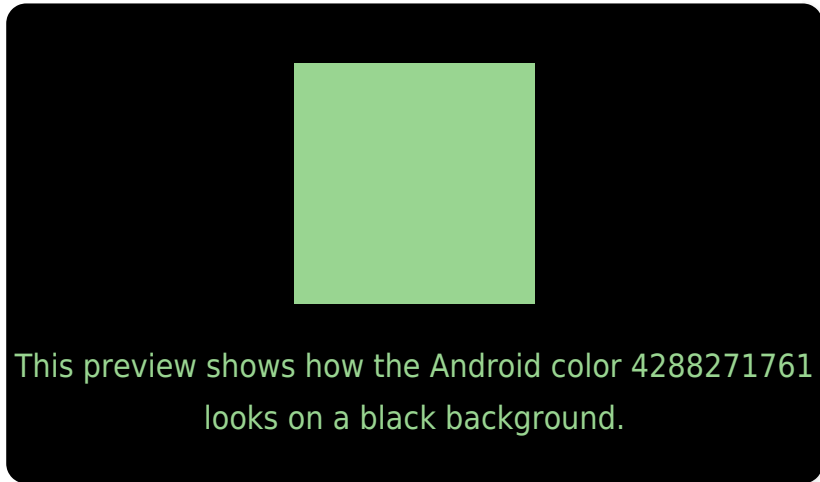
Large Text (above 18pt) WCAG AA × Fail

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 4288271761 Background



This preview shows how black text looks on a background with the Android color 4288271761.

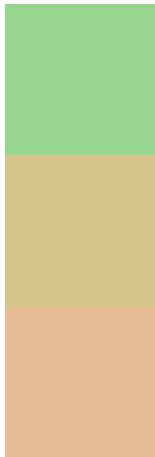


This preview shows how white text looks on a background with the Android color 4288271761.

# 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**  
4288271761

**Protanopia**  
4292199818

**Deuteranopia**  
4293442966

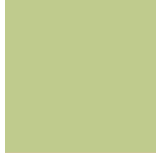


# Trichromacy



**Original Color**

4288271761



**Protanomaly**

4290759565



**Deuteranomaly**

4291544724



**Tritanomaly**

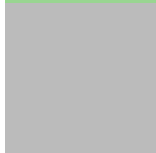
4288794561

# Monochromacy



**Original Color**

4288271761



**Achromatopsia**

4290493371



**Achromatomaly**

4289709228

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4288271761 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(153, 213, 145)` looks like.

```
.text, #text, p{  
    color:rgb(153, 213, 145)  
}
```

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(153, 213, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 213, 145) }
```

## Border

The CSS property to change the border of an element to Android 4288271761 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(153, 213, 145) }
```

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

```
.border{ border-color:rgb(153, 213, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 213, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 213, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 213, 145);  
box-shadow:4px 4px 4px 4px rgb(153, 213,  
145) }
```

# Background

The CSS property to change the background color of an element to Android 4288271761 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 213, 145) }
```

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

```
.background{ background-color: rgb(153,  
213, 145) }
```

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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