

# Converting Colors

Android(4284139901)

Have a look what the booklet for  
Android(4284139901) contains.

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# **Color**

**Android(4284139901)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5AC97D
RGB	90, 201, 125
RGB Percent	35%, 79%, 49%
CMY	0.6471, 0.2118, 0.5098
CMYK	0.55, 0.00, 0.38, 0.21
HSL	139°, 51%, 57%
HSV	139°, 55%, 79%
XYZ	28.8048, 45.4276, 26.6523
YIQ	159.1470, -41.7600, -47.1680

# Conversions

## Conversions Part 2

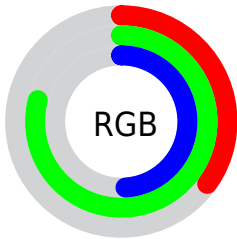
Format	Color
<a href="#">RYB</a>	<a href="#">90, 174, 201</a>
Decimal	<a href="#">5949821</a>
CIELab	<a href="#">73.17, -48.51, 28.64</a>
CIElCh	<a href="#">73, 56.336, 149.448</a>
Yxy	<a href="#">45.4276, 0.2855, 0.4503</a>
Android (android.graphics.Color)	<a href="#">4284139901 (0xFF5AC97D)</a>
YUV	<a href="#">159.1470, -16.8345, -60.6419</a>
Hunter-Lab	<a href="#">67.4000, -41.6644, 23.7347</a>

# Details

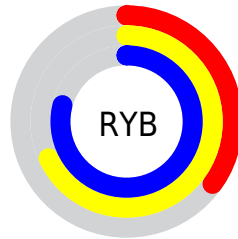
The Android color **4284139901** is a dark color, and the websafe version is hex **66CC66**. The color can be described as middle muted spring green. A complement of this color would be **4291386022**, and the grayscale version is **4288651167**.

A 20% lighter version of the original color is **4287954866**, and **4279538251** is the 20% darker color. If you saturate the color by 10%, you get **4282829167**, and if you desaturate by 10%, it is **4285450635**.

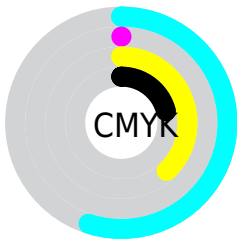
# Distribution



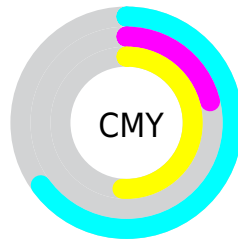
- Red (35%)
- Green (79%)
- Blue (49%)



- Red (35%)
- Yellow (68%)
- Blue (79%)



- Cyan (55%)
- Magenta (0%)
- Yellow (38%)
- Black (21%)



- Cyan (65%)
- Magenta (21%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4284139901 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 4284139901 by changing the saturation by 10% instead.





4284139901



4284139901

4294967295



4282101092



4287954866



4279538251



4289855438



4278220851



4291756010



4278214172



4293722111



4278207748



4278202112



4278194944



4278190080




4284139901



4284139901

 4282829167

 4285450635

 4281518433

 4286761369

 4280207700

 4288072102

 4278896966

 4289382836

 4278241599

 4290759106

 4292069840

 4293380573

 4294691307

 4294953465

# Harmonies

## Analogous

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



4288594005



4284139901



4278242737

# Triad

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



4284139901



4283021823



4294937732

# Complementary

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



4284139901



4291386022

# 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.



4294936503



4284139901



4290094847

# Square

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



4284139901



4278241023



4294087401



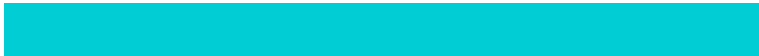
4294614619

# Rectangle

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



4284139901



4278242772



4294087401



4294936980

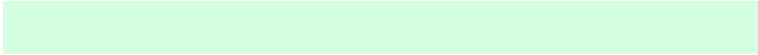


# Sweetspot

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



4284139901



4292149217



4289251674



4284907630



4278190080



4286611584



# Same Dimension

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



4284139901



4283957132



4284139955



4284113757



4278231859



4278199307



# Inverse Universe

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



4291386022



4294924234



4291385968



4284701280



4288872560



4280549400



# Previews

## White Background



This preview shows how the Android color 4284139901 looks on a white background.

## Color Contrast Check

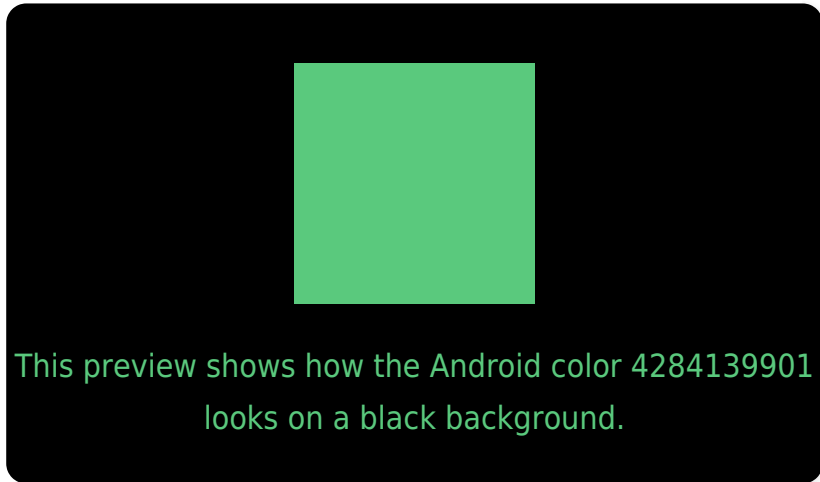
Large Text (above 18pt) WCAG AA × Fail

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

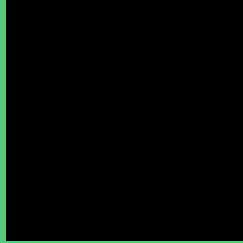
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4284139901 Background



This preview shows how black text looks on a background with the Android color 4284139901.

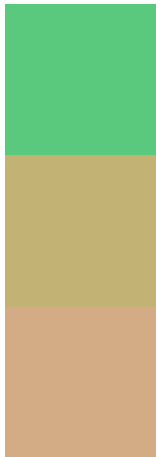


This preview shows how white text looks on a background with the Android color 4284139901.

# 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**  
4284139901

**Protanopia**  
4290949748

**Deuteranopia**  
4292062084

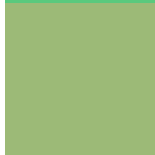


# Trichromacy



**Original Color**

4284139901



**Protanomaly**

4288461431



**Deuteranomaly**

4289181313



**Tritanomaly**

4285055921

# Monochromacy



**Original Color**

4284139901



**Achromatopsia**

4288651167



**Achromatomaly**

4287016595

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4284139901 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(90, 201, 125)` looks like.

```
.text, #text, p{  
    color:rgb(90, 201, 125)  
}
```

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(90, 201, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 201, 125) }
```

## Border

The CSS property to change the border of an element to Android 4284139901 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(90, 201, 125) }
```

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

```
.border{ border-color:rgb(90, 201, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 201, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 201, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 201, 125);  
box-shadow:4px 4px 4px 4px rgb(90, 201,  
125) }
```

# Background

The CSS property to change the background color of an element to Android 4284139901 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 201, 125) }
```

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

```
.background{ background-color: rgb(90, 201,  
125) }
```

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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