

# Converting Colors

Android(4284146349)

Have a look what the booklet for  
Android(4284146349) contains.

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# **Color**

**Android(4284146349)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5AE2AD
RGB	90, 226, 173
RGB Percent	35%, 89%, 68%
CMY	0.6471, 0.1137, 0.3216
CMYK	0.60, 0.00, 0.23, 0.11
HSL	157°, 70%, 62%
HSV	157°, 60%, 89%
XYZ	38.9556, 59.5835, 48.9828
YIQ	179.2940, -64.0430, -45.3150

# Conversions

## Conversions Part 2

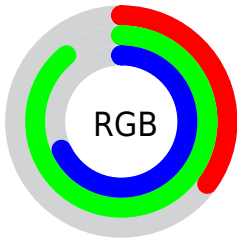
<b>Format</b>	<b>Color</b>
<b>RYB</b>	90, 174, 226
Decimal	5956269
CIELab	81.61, -49.33, 15.05
CIELCh	82, 51.578, 163.036
Yxy	59.5835, 0.2641, 0.4039
Android (android.graphics.Color)	4284146349 (0xFF5AE2AD)
YUV	179.2940, -3.1029, -78.3108
Hunter-Lab	77.1904, -44.9996, 16.4095

# Details

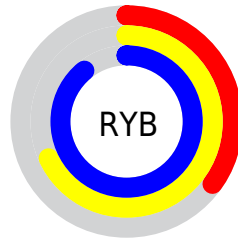
The Android color `4284146349` is a light color, and the websafe version is hex `33CC99`. The color can be described as light muted spring green. A complement of this color would be `4293024399`, and the grayscale version is `4289967027`.

A 20% lighter version of the original color is `4288151525`, and `4278233721` is the 20% darker color. If you saturate the color by 10%, you get `4282639012`, and if you desaturate by 10%, it is `4285653686`.

# Distribution



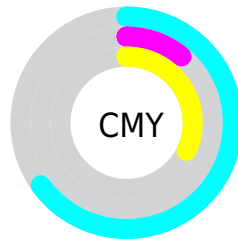
- Red (35%)
- Green (89%)
- Blue (68%)



- Red (35%)
- Yellow (68%)
- Blue (89%)



- Cyan (60%)
- Magenta (0%)
- Yellow (23%)
- Black (11%)



- Cyan (65%)
- Magenta (11%)
- Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4284146349 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 4284146349 by changing the saturation by 10% instead.





4284146349



4284146349

4294967295



4281910930



4288151525



4278233721



4290117631



4278226784



4292083711



4278219848



4294049791



4278213425



4278207004



4278201347



4278192896




4278190080

 4284146349

 4284146349

 4282639012

 4285653686

 4281197211


 4287095487

 4279689875

 4288602823

 4278248074

 4290044624

 4291551961

 4293059298

 4294501099

 4294959859

 4294959868

# Harmonies

## Analogous

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



4288666498



4284146349



4278248671

# Triad

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



4284146349



4288924159



4294946443

# Complementary

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



4284146349



4293024399

# 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.



4294943927



4284146349



4293572351

# Square

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



4284146349



4281391359



4294944744



4294950510

# Rectangle

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



4284146349



4278248190



4294944744



4294945177

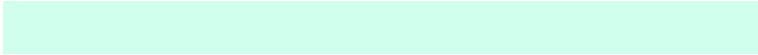


# Sweetspot

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



4284146349



4291952621



4287685210



4284711029



4278190080



4286611584



# Same Dimension

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



4284146349



4282908599



4284142818



4284837996



4278235243



4278202398



# Inverse Universe

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



4293024399



4294920079



4293027930



4285556073



4289724485

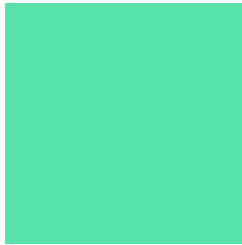


4281335827



# Previews

## White Background



This preview shows how the Android color 4284146349 looks on a white background.

## Color Contrast Check

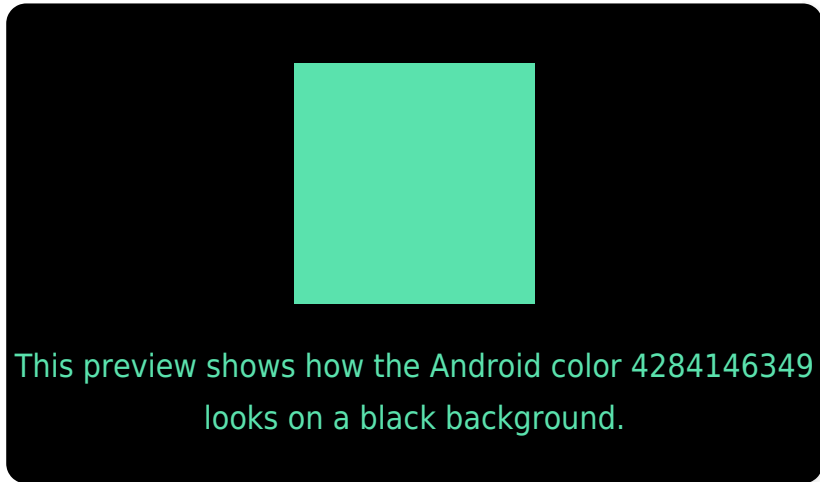
Large Text (above 18pt) WCAG AA × Fail

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 4284146349 Background



This preview shows how black text looks on a background with the Android color 4284146349.



This preview shows how white text looks on a background with the Android color 4284146349.

# 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**

4284146349



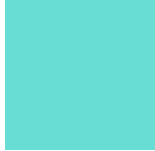
**Protanomaly**

4289319589



**Deuteranomaly**

4289908401



**Tritanomaly**

4284997076

# Monochromacy



**Original Color**

4284146349



**Achromatopsia**

4289967027



**Achromatomaly**

4287874225

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4284146349 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, 226, 173)` looks like.

```
.text, #text, p{  
    color:rgb(90, 226, 173)  
}
```

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, 226, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 226, 173) }
```

## Border

The CSS property to change the border of an element to Android 4284146349 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, 226, 173) }
```

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

```
.border{ border-color:rgb(90, 226, 173) }
```

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

Here you see how a box with a 4 pixel rgb(90, 226, 173) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 226, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 226, 173);  
box-shadow:4px 4px 4px 4px rgb(90, 226,  
173) }
```

# Background

The CSS property to change the background color of an element to Android 4284146349 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 226, 173) }
```

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

```
.background{ background-color: rgb(90, 226,  
173) }
```

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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