

# Converting Colors

Android(4279949651)

Have a look what the booklet for  
Android(4279949651) contains.

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**Color**

**Android(4279949651)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1AD953
RGB	26, 217, 83
RGB Percent	10%, 85%, 33%
CMY	0.8980, 0.1490, 0.6745
CMYK	0.88, 0.00, 0.62, 0.15
HSL	138°, 79%, 48%
HSV	138°, 88%, 85%
XYZ	26.8002, 50.4699, 16.5128
YIQ	144.6150, -70.8220, -82.1660

# Conversions

## Conversions Part 2

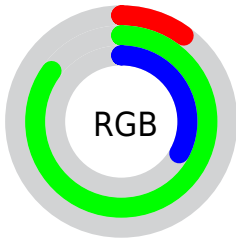
Format	Color
<a href="#">RYB</a>	<a href="#">26, 173, 217</a>
Decimal	<a href="#">1759571</a>
CIELab	<a href="#">76.36, -70.22, 52.58</a>
CIELCh	<a href="#">76, 87.723, 143.174</a>
Yxy	<a href="#">50.4699, 0.2858, 0.5382</a>
Android (android.graphics.Color)	<a href="#">4279949651</a> ( <a href="#">0xFF1AD953</a> )
YUV	<a href="#">144.6150, -30.3762, -104.0254</a>
Hunter-Lab	<a href="#">71.0421, -56.9858, 35.9484</a>

# Details

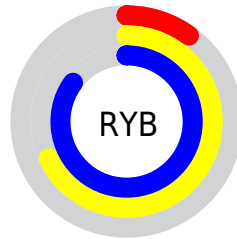
The Android color `4279949651` is a dark color, and the websafe version is hex `00CC33`. The color can be described as dark washed green. A complement of this color would be `4292418208`, and the grayscale version is `4287730065`.

A 20% lighter version of the original color is `4285595529`, and `4278231066` is the 20% darker color. If you saturate the color by 10%, you get `4278507844`, and if you desaturate by 10%, it is `4281391458`.

# Distribution



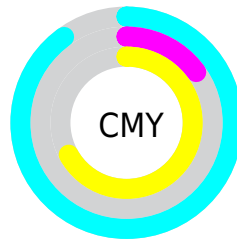
- Red (10%)
- Green (85%)
- Blue (33%)



- Red (10%)
- Yellow (68%)
- Blue (85%)



- Cyan (88%)
- Magenta (0%)
- Yellow (62%)
- Black (15%)



- Cyan (90%)
- Magenta (15%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4279949651 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 4279949651 by changing the saturation by 10% instead.





4279949651



4279949651

4294967295



4278238264



4285595529



4278231066



4287692708



4278224128



4289789888



4278217216



4291821533



4278210560



4293853178



4278204672



4278197760



4278190080




4279949651



4279949651

 4278507844

 4281391458

 4278245697

 4282767729

 4284209537

 4285651344

 4287027615

 4288469422

 4289911230

 4291353037

 4292729308

# Harmonies

## Analogous

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



4289055488



4279949651



4278247590

# Triad

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



4279949651



4278242559



4294929538

# Complementary

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



4279949651



4292418208

# 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.



4294928083



4279949651



4287737855

# Square

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



4279949651



4278246399



4294936575



4294938422

# Rectangle

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



4279949651



4278247903



4294936575



4294927772

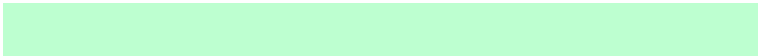


# Sweetspot

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



4279949651



4290641872



4288928026



4283990116



4278190080



4286611584



# Same Dimension

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



4279949651



4278255436



4279949744



4284706406



4278234420



4278201870



# Inverse Universe

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



4292418208



4294901939



4292418115



4285424490



4289527930

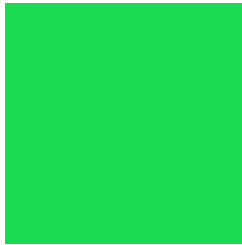


4281204768



# Previews

## White Background



This preview shows how the Android color 4279949651 looks on a white background.

## Color Contrast Check

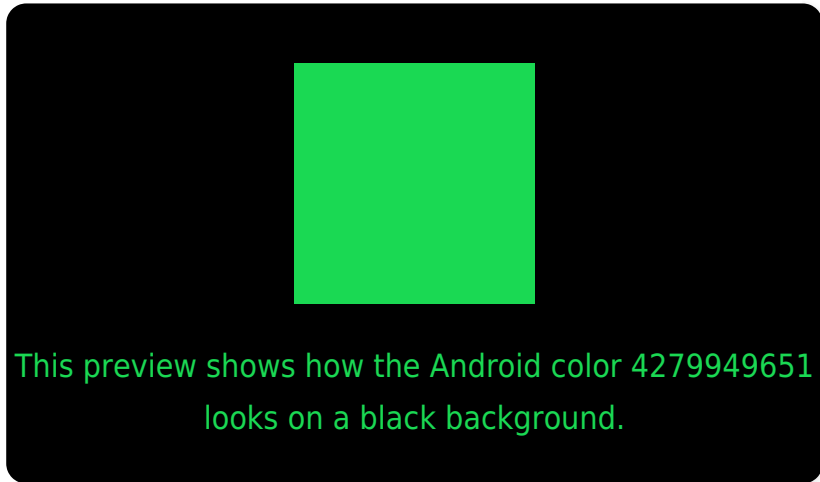
Large Text (above 18pt) WCAG AA × Fail

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 4279949651 Background



This preview shows how black text looks on a background with the Android color 4279949651.



This preview shows how white text looks on a background with the Android color 4279949651.

# 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**

4279949651



**Protanomaly**

4287546957



**Deuteranomaly**

4288397403



**Tritanomaly**

4282568874

# Monochromacy



**Original Color**

4279949651



**Achromatopsia**

4287730065



**Achromatomaly**

4284918650

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4279949651 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(26, 217, 83)` looks like.

```
.text, #text, p{  
    color:rgb(26, 217, 83)  
}
```

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(26, 217, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(26, 217, 83) }
```

## Border

The CSS property to change the border of an element to Android 4279949651 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(26, 217, 83) }
```

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

```
.border{ border-color:rgb(26, 217, 83) }
```

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

Here you see how a box with a 4 pixel rgb(26, 217, 83) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(26, 217, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(26, 217, 83);  
box-shadow:4px 4px 4px 4px rgb(26, 217,  
83) }
```

# Background

The CSS property to change the background color of an element to Android 4279949651 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(26, 217, 83) }
```

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

```
.background{ background-color: rgb(26, 217,  
83) }
```

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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