

# Converting Colors

Android(4279751549)

Have a look what the booklet for  
Android(4279751549) contains.

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# **Color**

**Android(4279751549)**

# Conversions

## Conversions Part 1

Format	Color
Hex	17D37D
RGB	23, 211, 125
RGB Percent	9%, 83%, 49%
CMY	0.9098, 0.1725, 0.5098
CMYK	0.89, 0.00, 0.41, 0.17
HSL	153°, 80%, 46%
HSV	153°, 89%, 83%
XYZ	27.3493, 48.2514, 27.2740
YIQ	144.9840, -84.4420, -66.6020

# Conversions

## Conversions Part 2

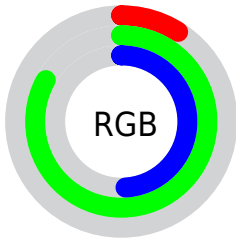
<b>Format</b>	<b>Color</b>
<b>RYB</b>	23, 145, 211
Decimal	1561469
CIELab	74.98, -62.07, 30.79
CIELCh	75, 69.292, 153.615
Yxy	48.2514, 0.2659, 0.4690
Android (android.graphics.Color)	4279751549 (0xFF17D37D)
YUV	144.9840, -9.8521, -106.9800
Hunter-Lab	69.4632, -51.2810, 25.3446

# Details

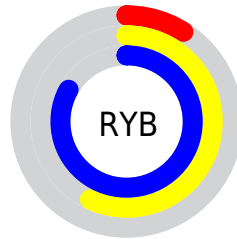
The Android color `4279751549` is a dark color, and the websafe version is hex `00CC66`. The color can be described as dark washed spring green. A complement of this color would be `4292024173`, and the grayscale version is `4287730065`.

A 20% lighter version of the original color is `4285333426`, and `4278229835` is the 20% darker color. If you saturate the color by 10%, you get `4278375283`, and if you desaturate by 10%, it is `4281127815`.

# Distribution



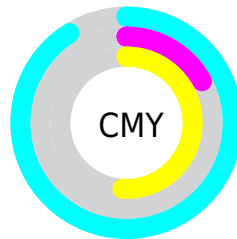
- Red (9%)
- Green (83%)
- Blue (49%)



- Red (9%)
- Yellow (57%)
- Blue (83%)



- Cyan (89%)
- Magenta (0%)
- Yellow (41%)
- Black (17%)



- Cyan (91%)
- Magenta (17%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4279751549 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 4279751549 by changing the saturation by 10% instead.



 4279751549

 4279751549

4294967295

 4278237027

 4285333426

 4278229835

 4287430606

 4278222899

 4289527787

 4278215963

 4291493887

 4278209538

 4293525503

 4278203648

 4278196736

 4278190080

 4279751549

 4279751549

■ 4278375283

■ 4281127815

■ 4278244210

■ 4282504080

■ 4283880346

■ 4285256612

■ 4286698413

■ 4288074679

■ 4289450945

■ 4290827210

■ 4292203476

# Harmonies

## Analogous

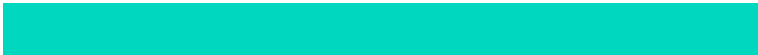
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4287744326



4279751549



4278245311

# Triad

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



4279751549



4280008191



4294936438

# Complementary

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



4279751549



4292024173

# 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.



4294933683



4279751549



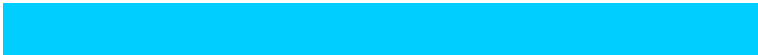
4291077375

# Square

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



4279751549



4278243071



4294937074



4294942787

# Rectangle

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



4279751549



4278245354



4294937074



4294934921

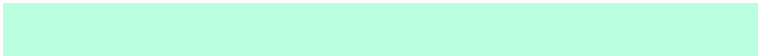


# Sweetspot

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



4279751549



4290445280



4285518615



4283924589



4278190080



4286611584



# Same Dimension

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



4279751549



4278255498



4279750099



4284377444



4278233179



4278200598



# Inverse Universe

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



4292024173



4294901877



4292025623



4285095523



4289200205

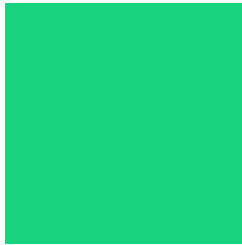


4280877075



# Previews

## White Background



This preview shows how the Android color 4279751549 looks on a white background.

## Color Contrast Check

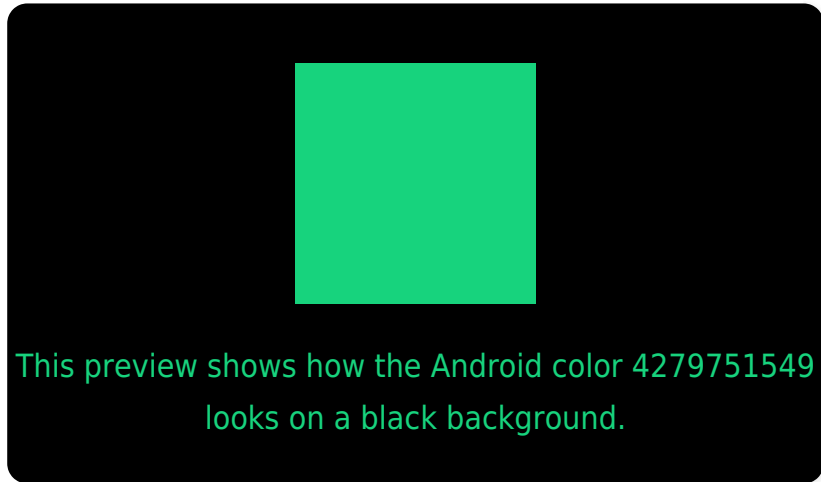
Large Text (above 18pt) WCAG AA × Fail

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

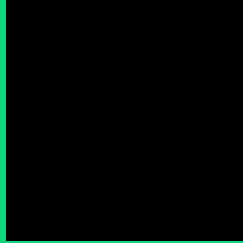
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4279751549 Background



This preview shows how black text looks on a background with the Android color 4279751549.



This preview shows how white text looks on a background with the Android color 4279751549.

# 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**

4279751549



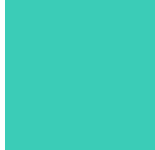
**Protanomaly**

4287152502



**Deuteranomaly**

4287806594



**Tritanomaly**

4282109111

# Monochromacy



**Original Color**

4279751549



**Achromatopsia**

4287730065



**Achromatomaly**

4284852618

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4279751549 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(23, 211, 125)` looks like.

```
.text, #text, p{  
    color:rgb(23, 211, 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(23, 211, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(23, 211, 125) }
```

## Border

The CSS property to change the border of an element to Android 4279751549 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(23, 211, 125) }
```

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

```
.border{ border-color:rgb(23, 211, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(23, 211, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(23, 211, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(23, 211, 125);  
box-shadow:4px 4px 4px 4px rgb(23, 211,  
125) }
```

# Background

The CSS property to change the background color of an element to Android 4279751549 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(23, 211, 125) }
```

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

```
.background{ background-color: rgb(23, 211,  
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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