

# Converting Colors

Android(4279874375)

Have a look what the booklet for  
Android(4279874375) contains.

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# **Color**

**Android(4279874375)**

# Conversions

## Conversions Part 1

Format	Color
Hex	19B347
RGB	25, 179, 71
RGB Percent	10%, 70%, 28%
CMY	0.9020, 0.2980, 0.7216
CMYK	0.86, 0.00, 0.60, 0.30
HSL	138°, 75%, 40%
HSV	138°, 86%, 70%
XYZ	17.6583, 32.9018, 11.3812
YIQ	120.6420, -57.1160, -66.2360

# Conversions

## Conversions Part 2

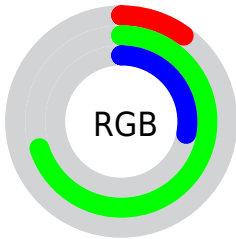
Format	Color
<a href="#">RYB</a>	<a href="#">25, 144, 179</a>
Decimal	<a href="#">1684295</a>
CIELab	<a href="#">64.08, -59.87, 43.86</a>
CIELCh	<a href="#">64, 74.220, 143.777</a>
Yxy	<a href="#">32.9018, 0.2851, 0.5312</a>
Android (android.graphics.Color)	<a href="#">4279874375</a> ( <a href="#">0xFF19B347</a> )
YUV	<a href="#">120.6420, -24.4735, -83.8780</a>
Hunter-Lab	<a href="#">57.3601, -45.4289, 28.3879</a>

# Details

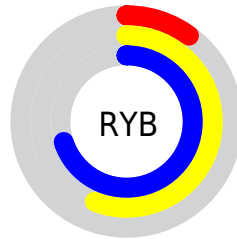
The Android color `4279874375` is a dark color, and the websafe version is hex `33CC66`. A complement of this color would be `4289927557`, and the grayscale version is `4286151033`.

A 20% lighter version of the original color is `4284935291`, and `4278222097` is the 20% darker color. If you saturate the color by 10%, you get `4278694714`, and if you desaturate by 10%, it is `4281054036`.

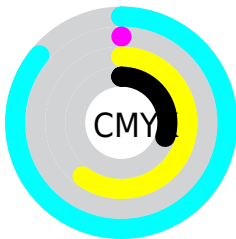
# Distribution



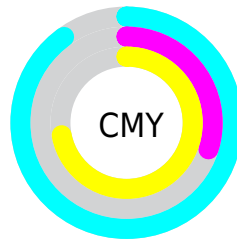
- Red (10%)
- Green (70%)
- Blue (28%)



- Red (10%)
- Yellow (56%)
- Blue (70%)



- Cyan (86%)
- Magenta (0%)
- Yellow (60%)
- Black (30%)



- Cyan (90%)
- Magenta (30%)
- Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4279874375 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 4279874375 by changing the saturation by 10% instead.





4279874375



4279874375

4294967295



4278228781



4284935291



4278222097



4286906262



4278215168



4288872369



4278208768



4290838477



4278203136



4292804586



4278195968

4294836223



4278190080



4279874375



4279874375



4278694714



4281054036

 4278235957

 4282233696

 4283413357

 4284593017

 4285707142

 4286886802

 4288066463

 4289246123

 4290425784

# Harmonies

## Analogous

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



4287080192



4279874375



4278237579

# Triad

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



4279874375



4278233087



4294925162

# Complementary

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



4279874375



4289927557

# 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.



4294923948



4279874375



4286353663

# Square

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



4279874375



4278236671



4292702443



4294276909

# Rectangle

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



4279874375



4278237881



4292702443



4294923648



# Sweetspot

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



4279874375



4289521854



4287083289



4283528540



4294309365



4285887861



# Same Dimension

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



4279874375



4278249541



4279874450



4283455827



4278229294



4278196744



# Inverse Universe

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



4289927557



4293394595



4289927482



4284043351



4288217195



4279894034



# Previews

## White Background



This preview shows how the Android color 4279874375 looks on a white background.

## Color Contrast Check

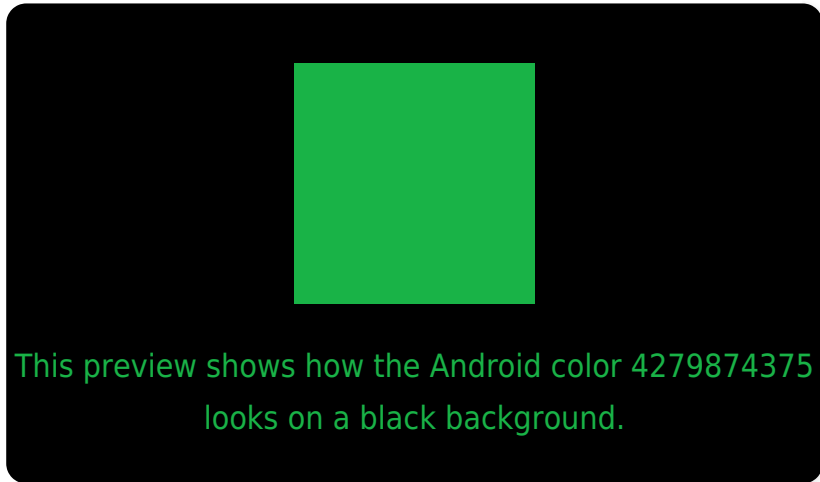
Large Text (above 18pt) WCAG AA × Fail

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

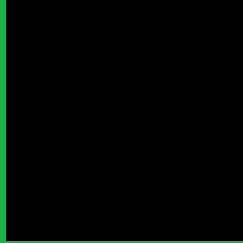
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4279874375 Background



This preview shows how black text looks on a background with the Android color 4279874375.



This preview shows how white text looks on a background with the Android color 4279874375.

# 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**

4279874375



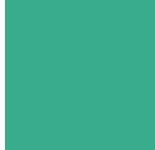
**Protanomaly**

4285965123



**Deuteranomaly**

4286685005



**Tritanomaly**

4281904269

# Monochromacy



**Original Color**

4279874375



**Achromatopsia**

4286151033



**Achromatomaly**

4283862631

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4279874375 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(25, 179, 71)` looks like.

```
.text, #text, p{  
    color:rgb(25, 179, 71)  
}
```

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(25, 179, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 179, 71) }
```

## Border

The CSS property to change the border of an element to Android 4279874375 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(25, 179, 71) }
```

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

```
.border{ border-color:rgb(25, 179, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(25, 179, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 179, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 179, 71);  
box-shadow:4px 4px 4px 4px rgb(25, 179,  
71) }
```

# Background

The CSS property to change the background color of an element to Android 4279874375 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 179, 71) }
```

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

```
.background{ background-color: rgb(25, 179,  
71) }
```

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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