

# Converting Colors

Android(4279296331)

Have a look what the booklet for  
Android(4279296331) contains.

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# **Color**

**Android(4279296331)**

# Conversions

## Conversions Part 1

Format	Color
Hex	10E14B
RGB	16, 225, 75
RGB Percent	6%, 88%, 29%
CMY	0.9373, 0.1176, 0.7059
CMYK	0.93, 0.00, 0.67, 0.12
HSL	137°, 87%, 47%
HSV	137°, 93%, 88%
XYZ	28.4089, 54.4686, 15.6728
YIQ	145.4090, -76.4140, -90.9580

# Conversions

## Conversions Part 2

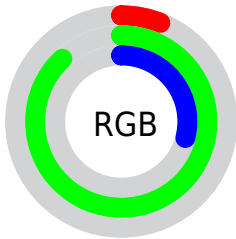
Format	Color
<a href="#">RYB</a>	<a href="#">16, 179, 225</a>
Decimal	<a href="#">1106251</a>
CIELab	<a href="#">78.73, -74.03, 58.52</a>
CIELCh	<a href="#">79, 94.368, 141.675</a>
Yxy	<a href="#">54.4686, 0.2883, 0.5527</a>
Android (android.graphics.Color)	<a href="#">4279296331</a> (0xFF10E14B)
YUV	<a href="#">145.4090, -34.7116, -113.4917</a>
Hunter-Lab	<a href="#">73.8028, -60.4450, 39.0711</a>

# Details

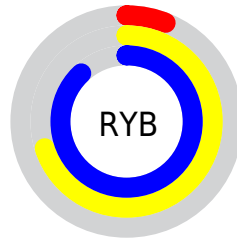
The Android color **4279296331** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **4292939942**, and the grayscale version is **4287795858**.

A 20% lighter version of the original color is **4285595522**, and **4278233094** is the 20% darker color. If you saturate the color by 10%, you get **4278247744**, and if you desaturate by 10%, it is **4280803675**.

# Distribution



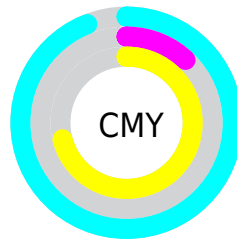
- Red (6%)
- Green (88%)
- Blue (29%)



- Red (6%)
- Yellow (70%)
- Blue (88%)



- Cyan (93%)
- Magenta (0%)
- Yellow (67%)
- Black (12%)



- Cyan (94%)
- Magenta (12%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4279296331 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 4279296331 by changing the saturation by 10% instead.



 4279296331

 4279296331

4294967295

 4278240302

 4285595522

 4278233094

 4287758238

 4278225920

 4289855418

 4278219008

 4291952599

 4278212352

 4293984244

 4278205952

 4278199552

 4278190080

 4279296331

 4279296331

 4278247744

 4280803675

 4282245483

 4283752827

 4285194636

 4286701980

 4288143788

 4289585596

 4291092940

 4292600284

# Harmonies

## Analogous

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



4289581312



4279296331



4278249639

# Triad

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



4279296331



4278244863



4294928264

# Complementary

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



4279296331



4292939942

# 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.



4294927071



4279296331



4286953215

# Square

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



4279296331



4278248959



4294937599



4294938420

# Rectangle

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



4279296331



4278250212



4294937599



4294926245

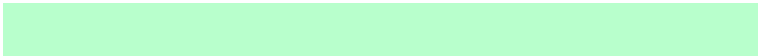


# Sweetspot

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



4279296331



4290314188



4289323280



4283727968



4278190080



4286611584



# Same Dimension

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



4279296331



4278255432



4279296432



4284837992



4278235186



4278202382



# Inverse Universe

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



4292939942



4294901943



4292939841



4285556077



4289724542

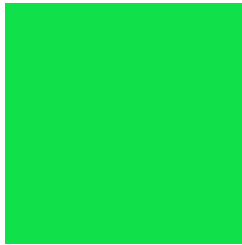


4281335843



# Previews

## White Background



This preview shows how the Android color 4279296331 looks on a white background.

## Color Contrast Check

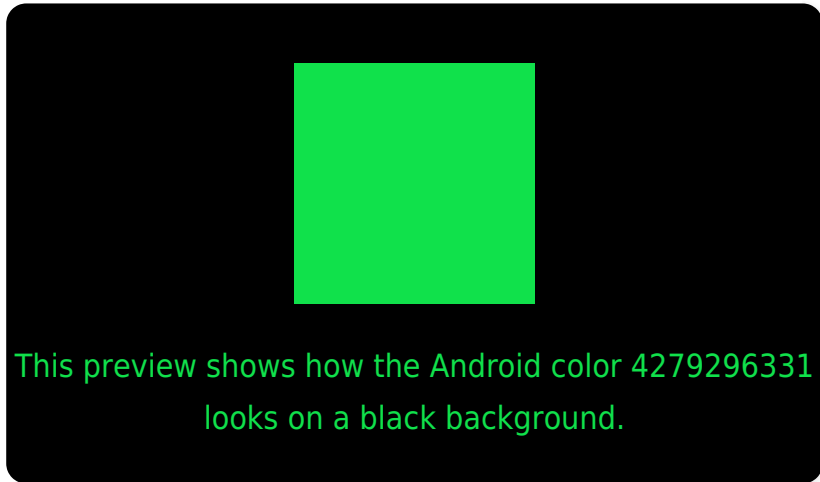
Large Text (above 18pt) WCAG AA × Fail

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 4279296331 Background



This preview shows how black text looks on a background with the Android color 4279296331.

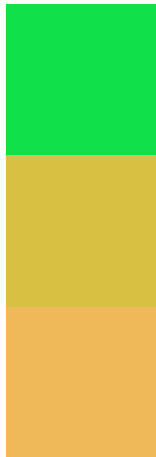


This preview shows how white text looks on a background with the Android color 4279296331.

# 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



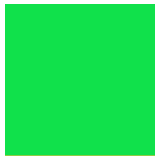
**Original Color**  
4279296331

**Protanopia**  
4292395330

**Deuteranopia**  
4293900376



# Trichromacy



**Original Color**

4279296331



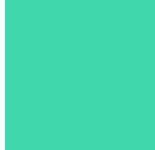
**Protanomaly**

4287614277



**Deuteranomaly**

4288595795



**Tritanomaly**

4282439596

# Monochromacy



**Original Color**

4279296331



**Achromatopsia**

4287730065



**Achromatomaly**

4284657272

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4279296331 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(16, 225, 75)` looks like.

```
.text, #text, p{  
    color:rgb(16, 225, 75)  
}
```

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(16, 225, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(16, 225, 75) }
```

## Border

The CSS property to change the border of an element to Android 4279296331 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(16, 225, 75) }
```

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

```
.border{ border-color:rgb(16, 225, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(16, 225, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(16, 225, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(16, 225, 75);  
box-shadow:4px 4px 4px 4px rgb(16, 225,  
75) }
```

# Background

The CSS property to change the background color of an element to Android 4279296331 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(16, 225, 75) }
```

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

```
.background{ background-color: rgb(16, 225,  
75) }
```

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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