

Converting Colors

Android(4278240347)

Have a look what the booklet for
Android(4278240347) contains.

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Color

Android(4278240347)

Conversions

Conversions Part 1

Format	Color
Hex	00C45B
RGB	0, 196, 91
RGB Percent	0%, 77%, 36%
CMY	1.0000, 0.2314, 0.6431
CMYK	1.00, 0.00, 0.54, 0.23
HSL	148°, 100%, 38%
HSV	148°, 100%, 77%
XYZ	21.6283, 40.2352, 16.5238
YIQ	125.4260, -83.1110, -74.2070

Conversions

Conversions Part 2

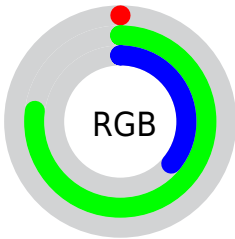
Format	Color
RYB	0, 134, 196
Decimal	50267
CIELab	69.64, -63.87, 40.97
CIELCh	70, 75.879, 147.320
Yxy	40.2352, 0.2759, 0.5133
Android (android.graphics.Color)	4278240347 (0xFF00C45B)
YUV	125.4260, -16.9720, -109.9986
Hunter-Lab	63.4312, -50.1412, 28.9569

Details

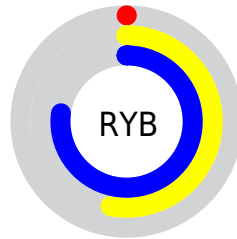
The Android color **4278240347** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed green. A complement of this color would be **4291035241**, and the grayscale version is **4286479998**.

A 20% lighter version of the original color is **4284808847**, and **4278226216** is the 20% darker color. If you saturate the color by 10%, you get **4278240347**, and if you desaturate by 10%, it is **4279551078**.

Distribution



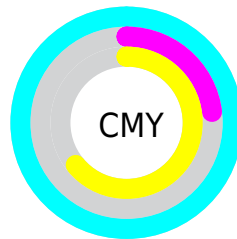
- Red (0%)
- Green (77%)
- Blue (36%)



- Red (0%)
- Yellow (53%)
- Blue (77%)



- Cyan (100%)
- Magenta (0%)
- Yellow (54%)
- Black (23%)



- Cyan (100%)
- Magenta (23%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278240347 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 4278240347 by changing the saturation by 10% instead.



4278240347



4278240347

4294967295



4278233154



4284808847



4278226216



4286906282



4278219276



4288937926



4278212608



4290904035



4278206208



4292935679



4278200064



4278190080



4278240347



4279551078

 4280796272

 4282107003

 4283352197

 4284662928

 4285973658

 4287218853

 4288529583

 4289774778

Harmonies

Analogous

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



4287478038



4278240347



4278241698

Triad

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



4278240347



4278236415



4294929519

Complementary

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



4278240347



4291035241

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.



4294927283



4278240347



4288453375

Square

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



4278240347



4278240255



4294408950



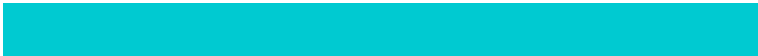
4294936882

Rectangle

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



4278240347



4278242001



4294408950



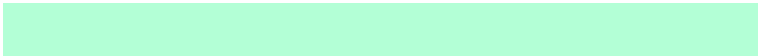
4294927749

Sweetspot

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



4278240347



4289986518



4285318144



4283596903



4278190080



4286611584

Same Dimension

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



4278240347



4278255478



4278240442



4283916636



4278231371



4278198543

Inverse Universe

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



4291035241



4294901897



4291035146



4284569436



4288741462



4280352786

Previews

White Background



This preview shows how the Android color 4278240347 looks on a white background.

Color Contrast Check

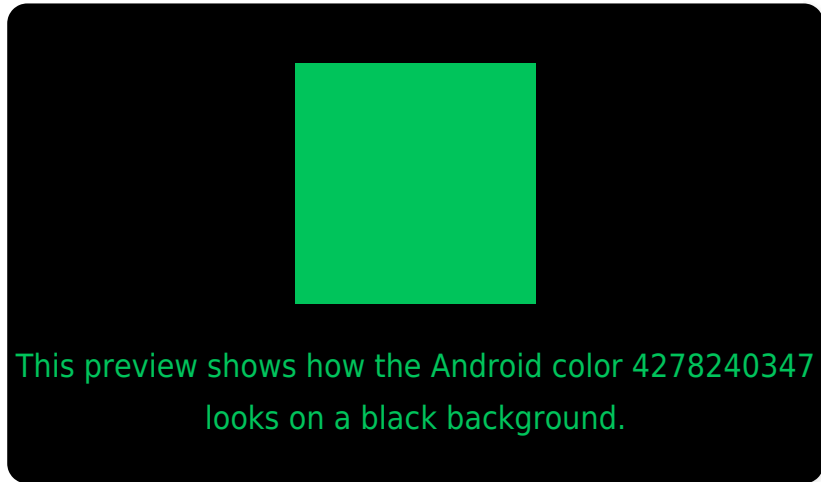
Large Text (above 18pt) WCAG AA × Fail

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 4278240347 Background



This preview shows how black text looks on a background with the Android color 4278240347.



This preview shows how white text looks on a background with the Android color 4278240347.

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
4278240347

Protanopia
4290488658

Deuteranopia
4291666276

Trichromacy



Original Color

4278240347



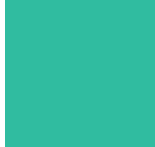
Protanomaly

4286034773



Deuteranomaly

4286754401



Tritanomaly

4281384096

Monochromacy



Original Color

4278240347



Achromatopsia

4286414205



Achromatomaly

4283471729

CSS Examples

Text

The CSS property to change the color of the text to Android 4278240347 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(0, 196, 91)` looks like.

```
.text, #text, p{  
    color:rgb(0, 196, 91)  
}
```

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(0, 196, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 196, 91) }
```

Border

The CSS property to change the border of an element to Android 4278240347 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(0, 196, 91) }
```

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

```
.border{ border-color:rgb(0, 196, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 196, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 196, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 196, 91);  
box-shadow:4px 4px 4px 4px rgb(0, 196, 91)  
}
```

Background

The CSS property to change the background color of an element to Android 4278240347 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 196, 91) }
```

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

```
.background{ background-color: rgb(0, 196,  
91) }
```

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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