

Converting Colors

Android(4278240342)

Have a look what the booklet for
Android(4278240342) contains.

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Color

Android(4278240342)

Conversions

Conversions Part 1

Format	Color
Hex	00C456
RGB	0, 196, 86
RGB Percent	0%, 77%, 34%
CMY	1.0000, 0.2314, 0.6627
CMYK	1.00, 0.00, 0.56, 0.23
HSL	146°, 100%, 38%
HSV	146°, 100%, 77%
XYZ	21.4196, 40.1517, 15.4252
YIQ	124.8560, -81.5060, -75.7620

Conversions

Conversions Part 2

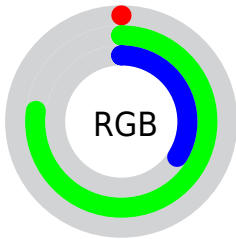
Format	Color
RYB	0, 136, 196
Decimal	50262
CIELab	69.58, -64.60, 43.29
CIELCh	70, 77.759, 146.174
Yxy	40.1517, 0.2782, 0.5215
Android (android.graphics.Color)	4278240342 (0xFF00C456)
YUV	124.8560, -19.1560, -109.4987
Hunter-Lab	63.3654, -50.5504, 29.9226

Details

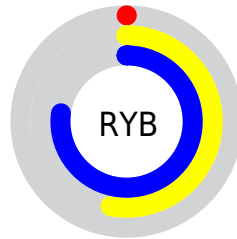
The Android color `4278240342` is a dark color, and the websafe version is hex `00CC66`. The color can be described as dark washed green. A complement of this color would be `4291035246`, and the grayscale version is `4286414205`.

A 20% lighter version of the original color is `4284808842`, and `4278226211` is the 20% darker color. If you saturate the color by 10%, you get `4278240342`, and if you desaturate by 10%, it is `4279551073`.

Distribution



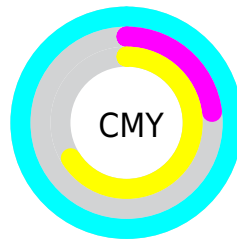
- Red (0%)
- Green (77%)
- Blue (34%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (56%)
- Black (23%)



- Cyan (100%)
- Magenta (23%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278240342 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 4278240342 by changing the saturation by 10% instead.

 4278240342

 4278240342

4294967295

 4278233148

 4284808842

 4278226211

 4286906277

 4278219266

 4288937921

 4278212608

 4290969566

 4278206208

 4292935675

 4278200064

 4278190080

 4278240342

 4279551073

 4280796268

 4282106999

 4283352194

 4284662925

 4285973656

 4287218851

 4288529582

 4289774777

Harmonies

Analogous

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



4287608837



4278240342



4278241950

Triad

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



4278240342



4278236671



4294928496

Complementary

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



4278240342



4291035246

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.



4294926518



4278240342



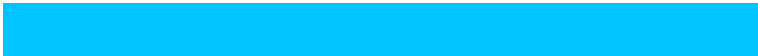
4287994879

Square

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



4278240342



4278240511



4294343162



4294936368

Rectangle

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



4278240342



4278241999



4294343162



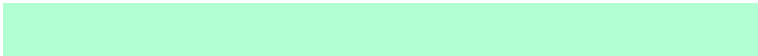
4294926983

Sweetspot

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



4278240342



4289986516



4285514752



4283596902



4278190080



4286611584

Same Dimension

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



4278240342



4278255472



4278240439



4283916635



4278231366



4278198543

Inverse Universe

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



4291035246



4294901903



4291035149



4284569437



4288741466



4280352787

Previews

White Background



This preview shows how the Android color 4278240342 looks on a white background.

Color Contrast Check

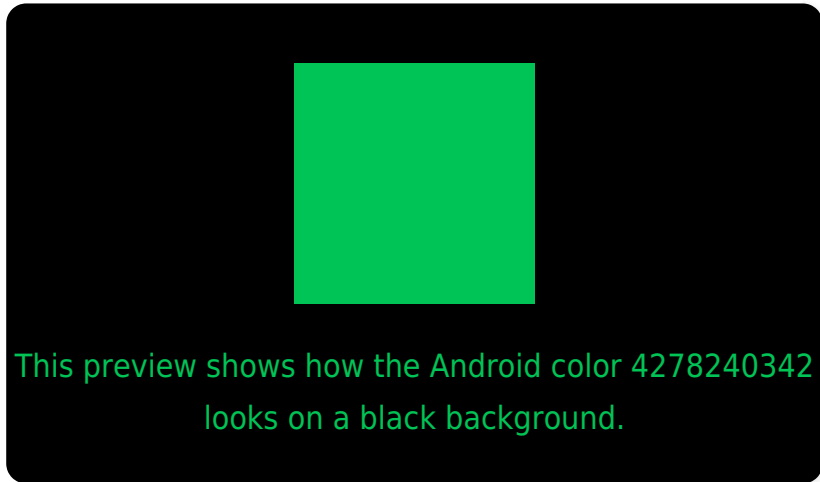
Large Text (above 18pt) WCAG AA × Fail

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 4278240342 Background



This preview shows how black text looks on a background with the Android color 4278240342.



This preview shows how white text looks on a background with the Android color 4278240342.

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



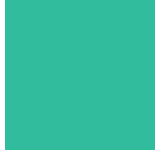
Original Color
4278240342



Protanomaly
4286034768



Deuteranomaly
4286819932



Tritanomaly
4281449630

Monochromacy



Original Color
4278240342



Achromatopsia
4286414205



Achromatomaly
4283471727

CSS Examples

Text

The CSS property to change the color of the text to Android 4278240342 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, 86)` looks like.

```
.text, #text, p{  
    color:rgb(0, 196, 86)  
}
```

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, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 196, 86) }
```

Border

The CSS property to change the border of an element to Android 4278240342 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, 86) }
```

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

```
.border{ border-color:rgb(0, 196, 86) }
```

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, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 196, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 196, 86);  
box-shadow:4px 4px 4px 4px rgb(0, 196, 86)  
}
```

Background

The CSS property to change the background color of an element to Android 4278240342 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, 86) }
```

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

```
.background{ background-color: rgb(0, 196,  
86) }
```

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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