

Converting Colors

Android(4278243429)

Have a look what the booklet for
Android(4278243429) contains.

Android(4278243429)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4278243429)

Conversions

Conversions Part 1

Format	Color
Hex	00D065
RGB	0, 208, 101
RGB Percent	0%, 82%, 40%
CMY	1.0000, 0.1843, 0.6039
CMYK	1.00, 0.00, 0.51, 0.18
HSL	149°, 100%, 41%
HSV	149°, 100%, 82%
XYZ	24.9048, 46.0513, 19.8881
YIQ	133.6100, -89.6210, -77.3730

Conversions

Conversions Part 2

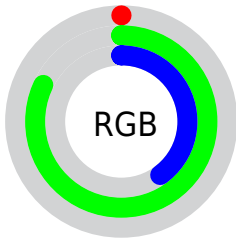
Format	Color
RYB	0, 140, 208
Decimal	53349
CIELab	73.58, -66.16, 40.97
CIELCh	74, 77.821, 148.234
Yxy	46.0513, 0.2741, 0.5069
Android (android.graphics.Color)	4278243429 (0xFF00D065)
YUV	133.6100, -16.0767, -117.1760
Hunter-Lab	67.8611, -53.2480, 30.1266

Details

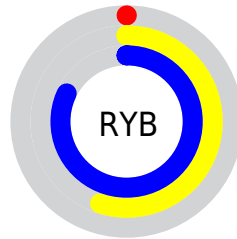
The Android color `4278243429` is a dark color, and the websafe version is hex `00CC66`. The color can be described as dark washed spring green. A complement of this color would be `4291821675`, and the grayscale version is `4287006342`.

A 20% lighter version of the original color is `4285005722`, and `4278229042` is the 20% darker color. If you saturate the color by 10%, you get `4278243429`, and if you desaturate by 10%, it is `4279619696`.

Distribution



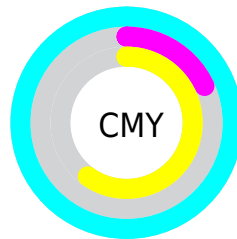
- Red (0%)
- Green (82%)
- Blue (40%)



- Red (0%)
- Yellow (55%)
- Blue (82%)



- Cyan (100%)
- Magenta (0%)
- Yellow (51%)
- Black (18%)



- Cyan (100%)
- Magenta (18%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278243429 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 4278243429 by changing the saturation by 10% instead.

 4278243429

 4278243429

4294967295

 4278236236

 4285005722

 4278229042

 4287168437

 4278222104

 4289200081

 4278215168

 4291231726

 4278208768

 4293263359

 4278202624

 4278195456

 4278190080

 4278243429

 4279619696

 4280995962

 4282306693

 4283682960

 4285059227

 4286435493

 4287811760

 4289122491

 4290498757

Harmonies

Analogous

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



4288005153



4278243429



4278244782

Triad

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



4278243429



4278239231



4294932086

Complementary

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



4278243429



4291821675

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.



4294929596



4278243429



4289373439

Square

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



4278243429



4278243327



4294935295



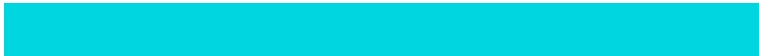
4294939447

Rectangle

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



4278243429



4278245087



4294935295



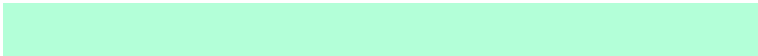
4294930316

Sweetspot

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



4278243429



4289986520



4285255680



4283596904



4278190080



4286611584

Same Dimension

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



4278243429



4278255484



4278243533



4284377443



4278233170



4278200596

Inverse Universe

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



4291821675



4294901891



4291821571



4285095523



4289200215



4280877077

Previews

White Background



This preview shows how the Android color 4278243429 looks on a white background.

Color Contrast Check

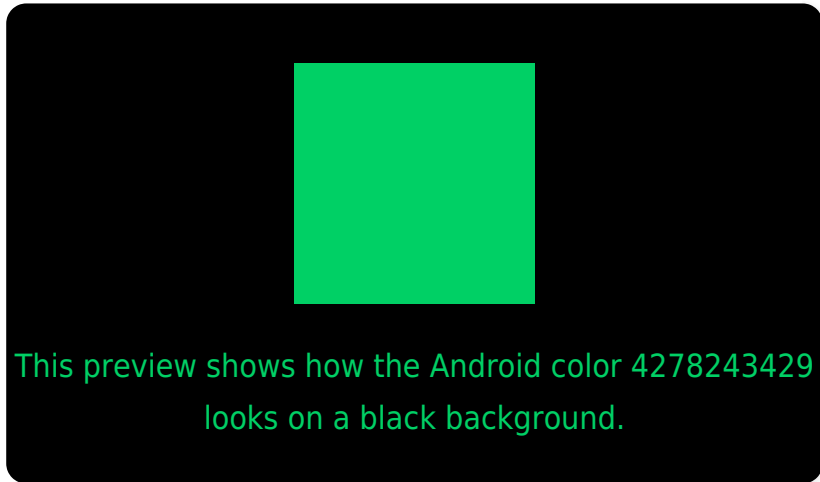
Large Text (above 18pt) WCAG AA × Fail

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 4278243429 Background



This preview shows how black text looks on a background with the Android color 4278243429.



This preview shows how white text looks on a background with the Android color 4278243429.

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
4278243429

Protanopia
4291212123

Deuteranopia
4292455278

Trichromacy



Original Color

4278243429



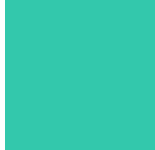
Protanomaly

4286496351



Deuteranomaly

4287281259



Tritanomaly

4281583788

Monochromacy



Original Color

4278243429



Achromatopsia

4287006342



Achromatomaly

4283801978

CSS Examples

Text

The CSS property to change the color of the text to Android 4278243429 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, 208, 101)` looks like.

```
.text, #text, p{  
    color:rgb(0, 208, 101)  
}
```

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, 208, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 208, 101) }
```

Border

The CSS property to change the border of an element to Android 4278243429 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, 208, 101) }
```

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

```
.border{ border-color:rgb(0, 208, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 208, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 208, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 208, 101);  
box-shadow:4px 4px 4px 4px rgb(0, 208,  
101) }
```

Background

The CSS property to change the background color of an element to Android 4278243429 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 208, 101) }
```

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

```
.background{ background-color: rgb(0, 208,  
101) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor