

Converting Colors

Android(4278239599)

Have a look what the booklet for
Android(4278239599) contains.

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Color

Android(4278239599)

Conversions

Conversions Part 1

Format	Color
Hex	00C16F
RGB	0, 193, 111
RGB Percent	0%, 76%, 44%
CMY	1.0000, 0.2431, 0.5647
CMYK	1.00, 0.00, 0.42, 0.24
HSL	155°, 100%, 38%
HSV	155°, 100%, 76%
XYZ	21.9392, 39.2876, 21.4659
YIQ	125.9450, -88.7060, -66.4180

Conversions

Conversions Part 2

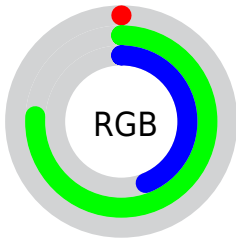
Format	Color
RYB	0, 123, 193
Decimal	49519
CIELab	68.96, -59.49, 30.08
CIELCh	69, 66.663, 153.178
Yxy	39.2876, 0.2653, 0.4751
Android (android.graphics.Color)	4278239599 (0xFF00C16F)
YUV	125.9450, -7.3679, -110.4538
Hunter-Lab	62.6798, -47.2111, 23.5709

Details

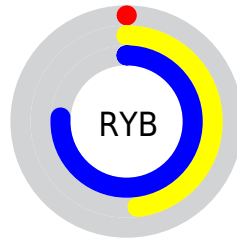
The Android color **4278239599** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark washed spring green. A complement of this color would be **4290838610**, and the grayscale version is **4286479998**.

A 20% lighter version of the original color is **4284677028**, and **4278225470** is the 20% darker color. If you saturate the color by 10%, you get **4278239599**, and if you desaturate by 10%, it is **4279484791**.

Distribution



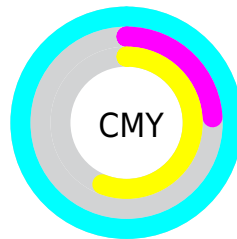
- Red (0%)
- Green (76%)
- Blue (44%)



- Red (0%)
- Yellow (48%)
- Blue (76%)



- Cyan (100%)
- Magenta (0%)
- Yellow (42%)
- Black (24%)



- Cyan (100%)
- Magenta (24%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278239599 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 4278239599 by changing the saturation by 10% instead.

 4278239599

 4278239599

4294967295

 4278232406

 4284677028

 4278225470

 4286775231

 4278218534

 4288806875

 4278212110

 4290838520

 4278205696

 4292804607

 4278199552

4294836223

 4278190080

 4278239599

 4279484791

 4280795519

 4282040712

 4283285904

 4284596632

 4285841824

 4287087016

 4288332209

 4289642937

Harmonies

Analogous

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



4286822458



4278239599



4278240685

Triad

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



4278239599



4278234623



4294932842

Complementary

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



4278239599



4290838610

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.



4294930084



4278239599



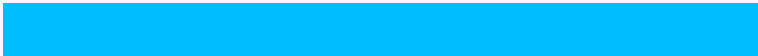
4289893887

Square

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



4278239599



4278238719



4294343648



4294086969

Rectangle

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



4278239599



4278240726



4294343648



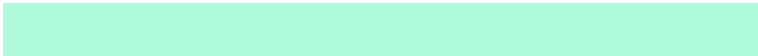
4294931324

Sweetspot

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



4278239599



4289723098



4283744512



4283465066



4294769916



4286414205

Same Dimension

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



4278239599



4278254224



4278236353



4283916637



4278231388



4278198547

Inverse Universe

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



4290838610



4294574186



4290841856



4284569435



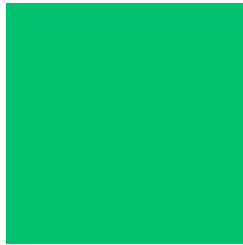
4288741444



4280352782

Previews

White Background



This preview shows how the Android color 4278239599 looks on a white background.

Color Contrast Check

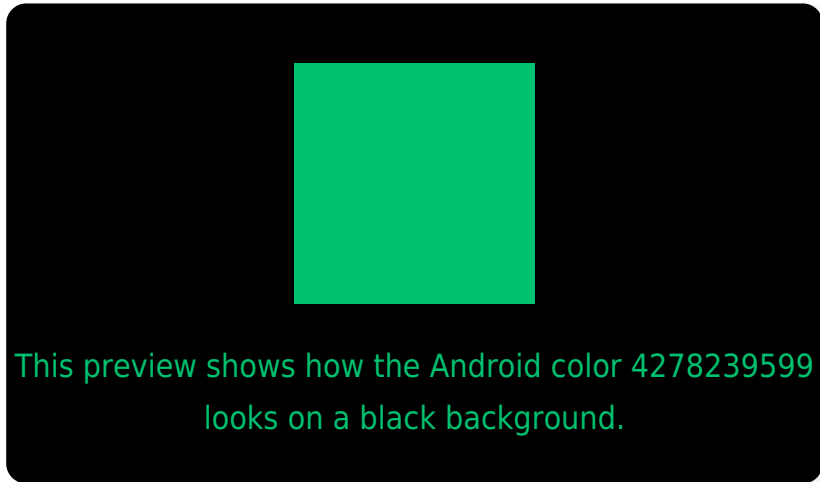
Large Text (above 18pt) WCAG AA × Fail

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 4278239599 Background



This preview shows how black text looks on a background with the Android color 4278239599.



This preview shows how white text looks on a background with the Android color 4278239599.

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



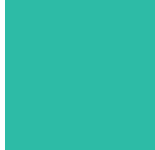
Original Color
4278239599



Protanomaly
4285837417



Deuteranomaly
4286491764



Tritanomaly
4281187238

Monochromacy



Original Color
4278239599



Achromatopsia
4286479998



Achromatomaly
4283471481

CSS Examples

Text

The CSS property to change the color of the text to Android 4278239599 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, 193, 111)` looks like.

```
.text, #text, p{  
    color:rgb(0, 193, 111)  
}
```

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, 193, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 193, 111) }
```

Border

The CSS property to change the border of an element to Android 4278239599 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, 193, 111) }
```

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

```
.border{ border-color:rgb(0, 193, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 193, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 193, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 193, 111);  
box-shadow:4px 4px 4px 4px rgb(0, 193,  
111) }
```

Background

The CSS property to change the background color of an element to Android 4278239599 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 193, 111) }
```

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

```
.background{ background-color: rgb(0, 193,  
111) }
```

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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