

Converting Colors

Android(4278224177)

Have a look what the booklet for
Android(4278224177) contains.

Android(4278224177)	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(4278224177)

Conversions

Conversions Part 1

Format	Color
Hex	008531
RGB	0, 133, 49
RGB Percent	0%, 52%, 19%
CMY	1.0000, 0.4784, 0.8078
CMYK	1.00, 0.00, 0.63, 0.48
HSL	142°, 100%, 26%
HSV	142°, 100%, 52%
XYZ	8.9419, 16.9968, 5.7152
YIQ	83.6570, -52.3040, -54.3200

Conversions

Conversions Part 2

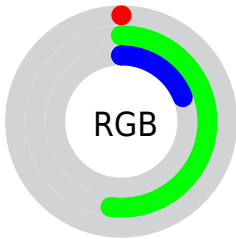
Format	Color
RYB	0, 97, 133
Decimal	34097
CIELab	48.26, -49.56, 35.90
CIELCh	48, 61.198, 144.079
Yxy	16.9968, 0.2825, 0.5370
Android (android.graphics.Color)	4278224177 (0xFF008531)
YUV	83.6570, -17.0859, -73.3672
Hunter-Lab	41.2272, -33.4321, 20.6399

Details

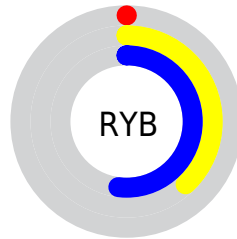
The Android color **4278224177** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **4286906452**, and the grayscale version is **4283716692**.

A 20% lighter version of the original color is **4283546466**, and **4278211072** is the 20% darker color. If you saturate the color by 10%, you get **4278224177**, and if you desaturate by 10%, it is **4279076153**.

Distribution



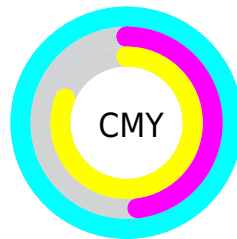
- Red (0%)
- Green (52%)
- Blue (19%)



- Red (0%)
- Yellow (38%)
- Blue (52%)



- Cyan (100%)
- Magenta (0%)
- Yellow (63%)
- Black (48%)



- Cyan (100%)
- Magenta (48%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278224177 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 4278224177 by changing the saturation by 10% instead.



4278224177



4278224177

4294967295



4278217496



4283546466



4278211072



4285454460



4278204672



4287362198



4278199040



4289200050



4278190080



4291100621



4293066730



4278224177



4279076153

■ 4279993666

■ 4280845642

■ 4281697619

■ 4282615131

■ 4283467107

■ 4284319084

■ 4285171060

■ 4286088573

Harmonies

Analogous

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



4284644352



4278224177



4278225254

Triad

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



4278224177



4278222042



4291575884

Complementary

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



4278224177



4286906452

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.



4291312511



4278224177



4284115410

Square

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



4278224177



4278224582



4289089712



4290271004

Rectangle

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



4278224177



4278225546



4289089712



4291705693

Sweetspot

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



4278224177



4286164365



4283729152



4281816899



4292269782



4283914071

Same Dimension

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



4278224177



4278234432



4278224243



4282139198



4278223408



4278190849

Inverse Universe

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



4286906452



4289527918



4286906386



4282530880



4286709842



4278386690

Previews

White Background



This preview shows how the Android color 4278224177 looks on a white background.

Color Contrast Check

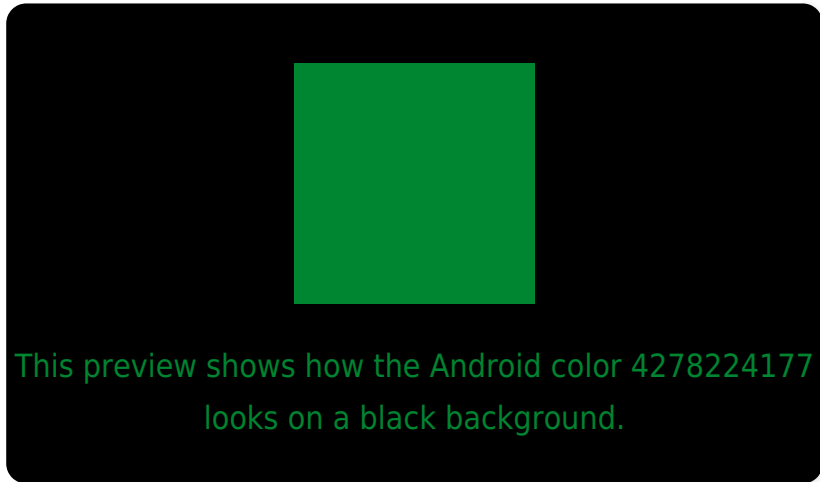
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Android 4278224177 Background



This preview shows how black text looks on a background with the Android color 4278224177.



This preview shows how white text looks on a background with the Android color 4278224177.

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
4278224177

Protanopia
4286542380

Deuteranopia
4287458616

Trichromacy



Original Color

4278224177



Protanomaly

4283529518



Deuteranomaly

4284118581



Tritanomaly

4280451176

Monochromacy



Original Color

4278224177



Achromatopsia

4283716692



Achromatomaly

4281689671

CSS Examples

Text

The CSS property to change the color of the text to Android 4278224177 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, 133, 49)` looks like.

```
.text, #text, p{  
    color:rgb(0, 133, 49)  
}
```

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, 133, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 133, 49) }
```

Border

The CSS property to change the border of an element to Android 4278224177 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, 133, 49) }
```

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

```
.border{ border-color:rgb(0, 133, 49) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 133, 49)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 133, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 133, 49);  
box-shadow:4px 4px 4px 4px rgb(0, 133, 49)  
}
```

Background

The CSS property to change the background color of an element to Android 4278224177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 133, 49) }
```

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

```
.background{ background-color: rgb(0, 133,  
49) }
```

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