

Converting Colors

Android(4279551078)

Have a look what the booklet for
Android(4279551078) contains.

Android(4279551078)	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(4279551078)

Conversions

Conversions Part 1

Format	Color
Hex	14C466
RGB	20, 196, 102
RGB Percent	8%, 77%, 40%
CMY	0.9216, 0.2314, 0.6000
CMYK	0.90, 0.00, 0.48, 0.23
HSL	148°, 81%, 42%
HSV	148°, 90%, 77%
XYZ	22.4267, 40.5879, 19.2226
YIQ	132.6600, -74.7220, -66.5460

Conversions

Conversions Part 2

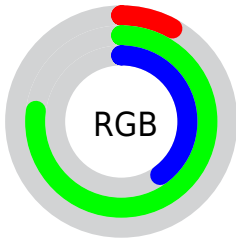
Format	Color
RYB	20, 140, 196
Decimal	1360998
CIELab	69.89, -61.23, 35.88
CIELCh	70, 70.971, 149.629
Yxy	40.5879, 0.2727, 0.4935
Android (android.graphics.Color)	4279551078 (0xFF14C466)
YUV	132.6600, -15.1154, -98.8028
Hunter-Lab	63.7086, -48.6546, 26.7066

Details

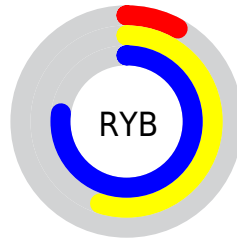
The Android color **4279551078** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark washed spring green. A complement of this color would be **4291040370**, and the grayscale version is **4286940549**.

A 20% lighter version of the original color is **4285071002**, and **4278226228** is the 20% darker color. If you saturate the color by 10%, you get **4278240348**, and if you desaturate by 10%, it is **4280861808**.

Distribution



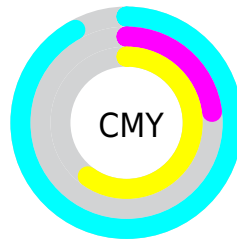
- Red (8%)
- Green (77%)
- Blue (40%)



- Red (8%)
- Yellow (55%)
- Blue (77%)



- Cyan (90%)
- Magenta (0%)
- Yellow (48%)
- Black (23%)



- Cyan (92%)
- Magenta (23%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Android color 4279551078 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 4279551078 by changing the saturation by 10% instead.

 4279551078

 4279551078

4294967295

 4278233165

 4285071002


 4278226228

 4287102902

 4278219292

 4289134546

 4278212608

 4291100654

 4278206208

 4293132287

 4278200320

 4278190080

 4279551078

 4279551078

 4278240348

 4280861808

■ 4278240347

■ 4282107003

■ 4283417733

■ 4284662928

■ 4285973658

■ 4287284389

■ 4288529583

■ 4289840314

■ 4291085508

Harmonies

Analogous

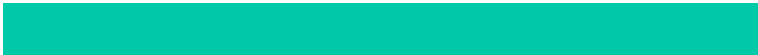
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4287346989



4279551078



4278241704

Triad

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



4279551078



4278236159



4294931567

Complementary

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



4279551078



4291040370

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.



4294929326



4279551078



4289239807

Square

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



4279551078



4278239999



4294409709



4294807096

Rectangle

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



4279551078



4278241748



4294409709



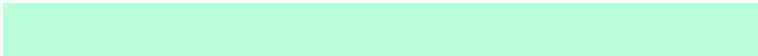
4294930051

Sweetspot

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



4279551078



4290445274



4285907988



4283924586



4278190080



4286611584

Same Dimension

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



4279551078



4278255479



4279551163



4283916636



4278231371



4278198543

Inverse Universe

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



4291040370



4294901896



4291040285



4284569436



4288741462



4280352786

Previews

White Background



This preview shows how the Android color 4279551078 looks on a white background.

Color Contrast Check

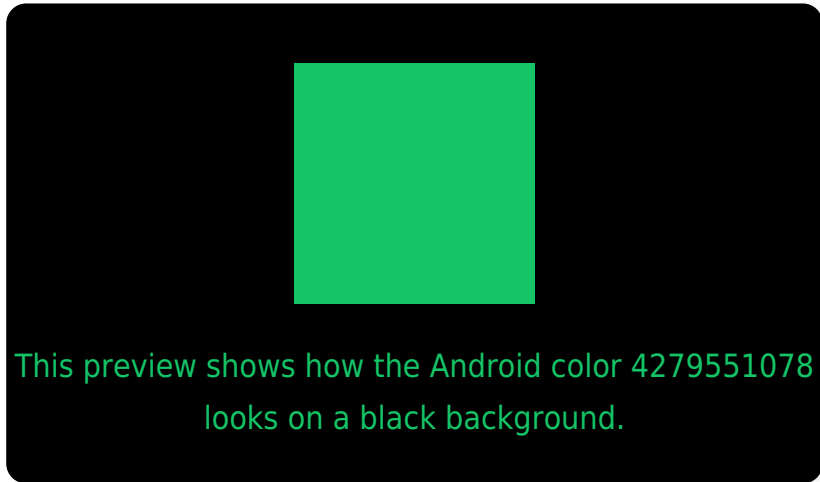
Large Text (above 18pt) WCAG AA × Fail

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 4279551078 Background



This preview shows how black text looks on a background with the Android color 4279551078.



This preview shows how white text looks on a background with the Android color 4279551078.

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
4279551078

Protanopia
4290423132

Deuteranopia
4291601006

Trichromacy



Original Color

4279551078



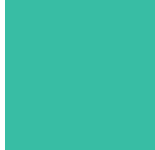
Protanomaly

4286493536



Deuteranomaly

4287213163



Tritanomaly

4281908644

Monochromacy



Original Color

4279551078



Achromatopsia

4286940549



Achromatomaly

4284259450

CSS Examples

Text

The CSS property to change the color of the text to Android 4279551078 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(20, 196, 102)` looks like.

```
.text, #text, p{  
    color:rgb(20, 196, 102)  
}
```

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(20, 196, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(20, 196, 102) }
```

Border

The CSS property to change the border of an element to Android 4279551078 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(20, 196, 102) }
```

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

```
.border{ border-color:rgb(20, 196, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(20, 196, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(20, 196, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(20, 196, 102);  
box-shadow:4px 4px 4px 4px rgb(20, 196,  
102) }
```

Background

The CSS property to change the background color of an element to Android 4279551078 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(20, 196, 102) }
```

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

```
.background{ background-color: rgb(20, 196,  
102) }
```

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