

Converting Colors

Android(4279943256)

Have a look what the booklet for
Android(4279943256) contains.

Android(4279943256)	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(4279943256)

Conversions

Conversions Part 1

Format	Color
Hex	1AC058
RGB	26, 192, 88
RGB Percent	10%, 75%, 35%
CMY	0.8980, 0.2471, 0.6549
CMYK	0.86, 0.00, 0.54, 0.25
HSL	142°, 76%, 43%
HSV	142°, 86%, 75%
XYZ	21.0371, 38.6235, 15.5788
YIQ	130.5100, -65.5520, -67.5360

Conversions

Conversions Part 2

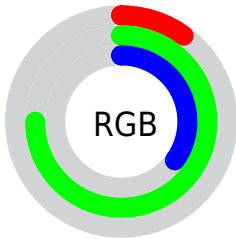
Format	Color
RYB	26, 147, 192
Decimal	1753176
CIELab	68.48, -61.68, 41.05
CIElCh	68, 74.088, 146.357
Yxy	38.6235, 0.2796, 0.5133
Android (android.graphics.Color)	4279943256 (0xFF1AC058)
YUV	130.5100, -20.9574, -91.6553
Hunter-Lab	62.1478, -48.3362, 28.6410

Details

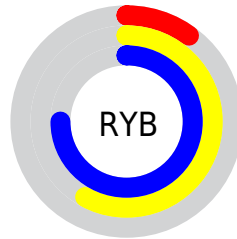
The Android color `4279943256` is a dark color, and the websafe version is hex `33CC66`. The color can be described as dark washed green. A complement of this color would be `4290779778`, and the grayscale version is `4286808963`.

A 20% lighter version of the original color is `4285135500`, and `4278225189` is the 20% darker color. If you saturate the color by 10%, you get `4278698060`, and if you desaturate by 10%, it is `4281188452`.

Distribution



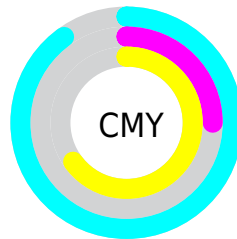
- Red (10%)
- Green (75%)
- Blue (35%)



- Red (10%)
- Yellow (58%)
- Blue (75%)



- Cyan (86%)
- Magenta (0%)
- Yellow (54%)
- Black (25%)



- Cyan (90%)
- Magenta (25%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Android color 4279943256 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 4279943256 by changing the saturation by 10% instead.



4279943256



4279943256

4294967295



4278232127



4285135500



4278225189



4287168423



4278218248



4289200067



4278211840



4291166175



4278205440



4293132284



4278199296



4278190080



4279943256



4279943256



4278698060



4281188452

■ 4278239304

■ 4282433648

■ 4283744380

■ 4284989576

■ 4286234772

■ 4287479968

■ 4288725164

■ 4290035896

■ 4291281092

Harmonies

Analogous

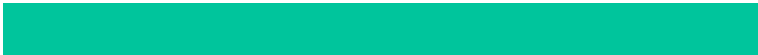
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4287477014



4279943256



4278240668

Triad

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



4279943256



4278235647



4294929008

Complementary

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



4279943256



4290779778

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.



4294927282



4279943256



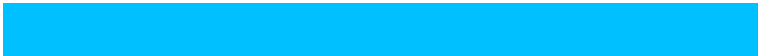
4287994367

Square

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



4279943256



4278239487



4293884402



4294936116

Rectangle

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



4279943256



4278240971



4293884402



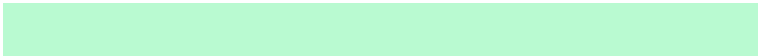
4294927493

Sweetspot

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



4279943256



4290378449



4286824474



4283858277



4294769916



4286414205

Same Dimension

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



4279943256



4278254173



4279943338



4283916635



4278231356



4278198540

Inverse Universe

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



4290779778



4294574237



4290779696



4284569437



4288741477



4280352789

Previews

White Background



This preview shows how the Android color 4279943256 looks on a white background.

Color Contrast Check

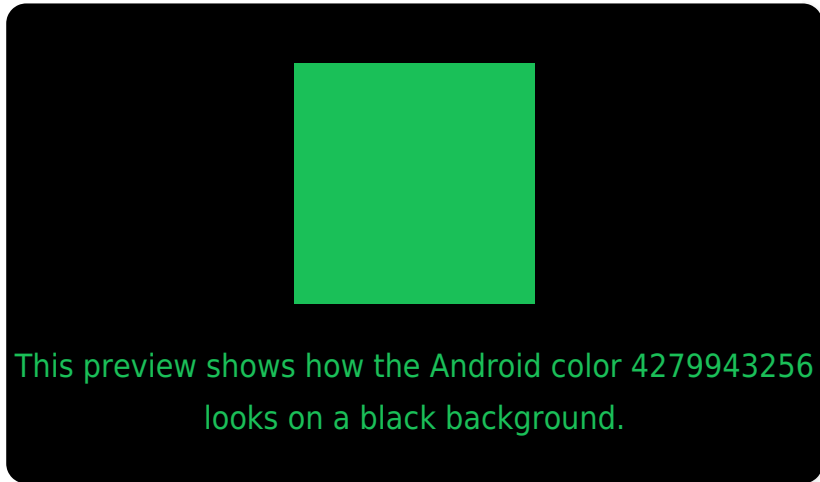
Large Text (above 18pt) WCAG AA × Fail

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 4279943256 Background



This preview shows how black text looks on a background with the Android color 4279943256.



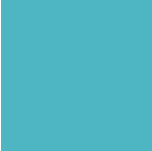
This preview shows how white text looks on a background with the Android color 4279943256.

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





Tritanopia
4283348419

Trichromacy



Original Color

4279943256



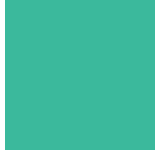
Protanomaly

4286492498



Deuteranomaly

4287212126



Tritanomaly

4282104220

Monochromacy



Original Color

4279943256



Achromatopsia

4286808963



Achromatomaly

4284324211

CSS Examples

Text

The CSS property to change the color of the text to Android 4279943256 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(26, 192, 88)` looks like.

```
.text, #text, p{  
    color:rgb(26, 192, 88)  
}
```

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(26, 192, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(26, 192, 88) }
```

Border

The CSS property to change the border of an element to Android 4279943256 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(26, 192, 88) }
```

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

```
.border{ border-color:rgb(26, 192, 88) }
```

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

Here you see how a box with a 4 pixel rgb(26, 192, 88) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(26, 192, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(26, 192, 88);  
box-shadow:4px 4px 4px 4px rgb(26, 192,  
88) }
```

Background

The CSS property to change the background color of an element to Android 4279943256 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(26, 192, 88) }
```

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

```
.background{ background-color: rgb(26, 192,  
88) }
```

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