

Converting Colors

Android(4280993123)

Have a look what the booklet for
Android(4280993123) contains.

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Color

Android(4280993123)

Conversions

Conversions Part 1

Format	Color
Hex	2AC563
RGB	42, 197, 99
RGB Percent	16%, 77%, 39%
CMY	0.8353, 0.2275, 0.6118
CMYK	0.79, 0.00, 0.50, 0.23
HSL	142°, 65%, 47%
HSV	142°, 79%, 77%
XYZ	23.1732, 41.3256, 18.5597
YIQ	139.4830, -60.9220, -63.3380

Conversions

Conversions Part 2

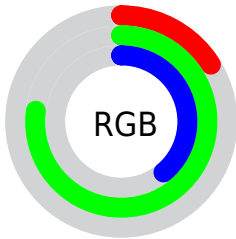
Format	Color
RYB	42, 155, 197
Decimal	2803043
CIELab	70.40, -60.07, 38.08
CIElCh	70, 71.123, 147.629
Yxy	41.3256, 0.2790, 0.4975
Android (android.graphics.Color)	4280993123 (0xFF2AC563)
YUV	139.4830, -19.9581, -85.4926
Hunter-Lab	64.2850, -48.1537, 27.8819

Details

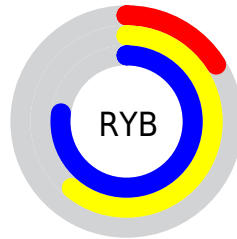
The Android color `4280993123` is a dark color, and the websafe version is hex `33CC66`. The color can be described as dark muted spring green. A complement of this color would be `4291111564`, and the grayscale version is `4287401100`.

A 20% lighter version of the original color is `4285661079`, and `4278226481` is the 20% darker color. If you saturate the color by 10%, you get `4279682391`, and if you desaturate by 10%, it is `4282303855`.

Distribution



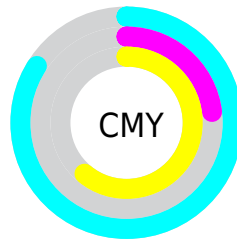
- Red (16%)
- Green (77%)
- Blue (39%)



- Red (16%)
- Yellow (61%)
- Blue (77%)



- Cyan (79%)
- Magenta (0%)
- Yellow (50%)
- Black (23%)



- Cyan (84%)
- Magenta (23%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280993123 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 4280993123 by changing the saturation by 10% instead.

 4280993123

 4280993123

4294967295

 4278233418

 4285661079


 4278226481

 4287692723

 4278219544

 4289658831

 4278212864

 4291624939

 4278206464

 4293656575

 4278200576

 4278190848

 4278190080

 4280993123

 4280993123

■ 4279682391

■ 4282303855

■ 4278437194

■ 4283549052

■ 4278240584

■ 4284859784

■ 4286170517

■ 4287481249

■ 4288726446

■ 4290037178

■ 4291347911

■ 4292593107

Harmonies

Analogous

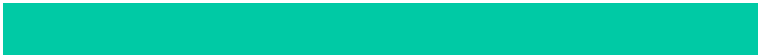
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4287805994



4280993123



4278241957

Triad

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



4280993123



4278236671



4294931572

Complementary

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



4280993123



4291111564

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.



4294929844



4280993123



4288847359

Square

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



4280993123



4278240511



4294279410



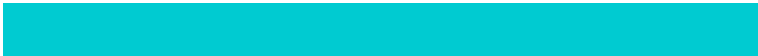
4294938173

Rectangle

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



4280993123



4278242257



4294279410



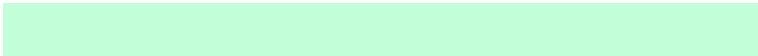
4294930313

Sweetspot

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



4280993123



4290969560



4287415594



4284186728



4278190080



4286611584

Same Dimension

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



4280993123



4279238503



4280993200



4284113757



4278231868



4278199309

Inverse Universe

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



4291111564



4294905767



4291111487



4284701280



4288872551



4280549399

Previews

White Background



This preview shows how the Android color 4280993123 looks on a white background.

Color Contrast Check

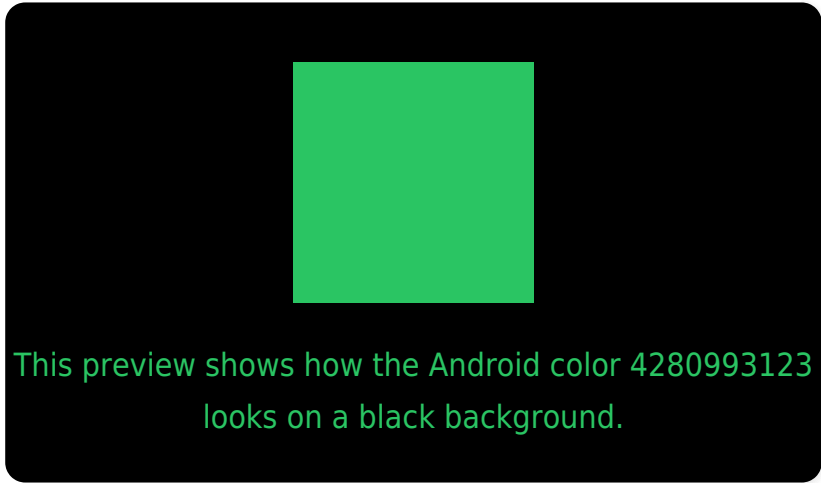
Large Text (above 18pt) WCAG AA × Fail

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 4280993123 Background



This preview shows how black text looks on a background with the Android color 4280993123.



This preview shows how white text looks on a background with the Android color 4280993123.

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

4280993123



Protanomaly

4287083613



Deuteranomaly

4287803241



Tritanomaly

4282760868

Monochromacy



Original Color

4280993123



Achromatopsia

4287335307



Achromatomaly

4285046908

CSS Examples

Text

The CSS property to change the color of the text to Android 4280993123 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(42, 197, 99)` looks like.

```
.text, #text, p{  
    color:rgb(42, 197, 99)  
}
```

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(42, 197, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 197, 99) }
```

Border

The CSS property to change the border of an element to Android 4280993123 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(42, 197, 99) }
```

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

```
.border{ border-color:rgb(42, 197, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(42, 197, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 197, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 197, 99);  
box-shadow:4px 4px 4px 4px rgb(42, 197,  
99) }
```

Background

The CSS property to change the background color of an element to Android 4280993123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 197, 99) }
```

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

```
.background{ background-color: rgb(42, 197,  
99) }
```

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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