

Converting Colors

Android(4278231893)

Have a look what the booklet for
Android(4278231893) contains.

Android(4278231893)	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(4278231893)

Conversions

Conversions Part 1

Format	Color
Hex	00A355
RGB	0, 163, 85
RGB Percent	0%, 64%, 33%
CMY	1.0000, 0.3608, 0.6667
CMYK	1.00, 0.00, 0.48, 0.36
HSL	151°, 100%, 32%
HSV	151°, 100%, 64%
XYZ	14.7369, 26.8503, 13.0002
YIQ	105.3710, -72.1100, -58.8140

Conversions

Conversions Part 2

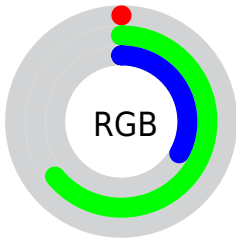
Format	Color
RYB	0, 107, 163
Decimal	41813
CIELab	58.84, -53.95, 30.54
CIElCh	59, 62.000, 150.486
Yxy	26.8503, 0.2700, 0.4919
Android (android.graphics.Color)	4278231893 (0xFF00A355)
YUV	105.3710, -10.0429, -92.4104
Hunter-Lab	51.8172, -39.9146, 21.3970

Details

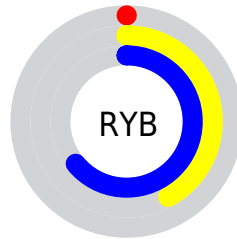
The Android color `4278231893` is a dark color, and the websafe version is hex `009933`. A complement of this color would be `4288872526`, and the grayscale version is `4285164138`.

A 20% lighter version of the original color is `4284144520`, and `4278218277` is the 20% darker color. If you saturate the color by 10%, you get `4278231893`, and if you desaturate by 10%, it is `4279280477`.

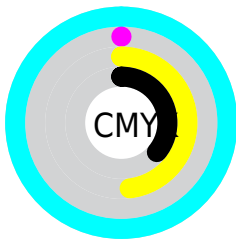
Distribution



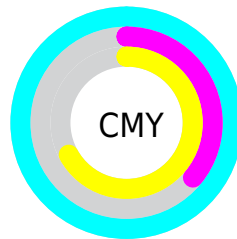
- Red (0%)
- Green (64%)
- Blue (33%)



- Red (0%)
- Yellow (42%)
- Blue (64%)



- Cyan (100%)
- Magenta (0%)
- Yellow (48%)
- Black (36%)



- Cyan (100%)
- Magenta (36%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278231893 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 4278231893 by changing the saturation by 10% instead.



4278231893



4278231893

4294967295



4278224957



4284144520



4278218277



4286118050



4278211597



4288085950



4278205184



4289986522



4278199552



4291952631



4278190080



4293918719



4278231893



4279280477

 4280394597

 4281443180

 4282491764

 4283605884

 4284654468

 4285703052

 4286751635

 4287865755

Harmonies

Analogous

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



4285635108



4278231893



4278232973

Triad

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



4278231893



4278228219



4293615706

Complementary

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



4278231893



4288872526

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.



4293744783



4278231893



4287463404

Square

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



4278231893



4278231532



4291782340



4291982892

Rectangle

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



4278231893



4278233010



4291782340



4293876587

Sweetspot

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



4278231893



4287943861



4283409152



4282739545



4293651435



4285229931

Same Dimension

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



4278231893



4278244462



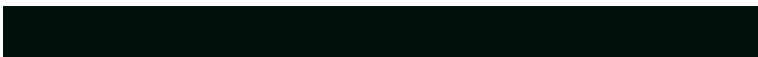
4278231203



4282995278



4278227276



4278194697

Inverse Universe

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



4288872526



4292083813



4288873216



4283582797



4287692870



4279369737

Previews

White Background



This preview shows how the Android color 4278231893 looks on a white background.

Color Contrast Check

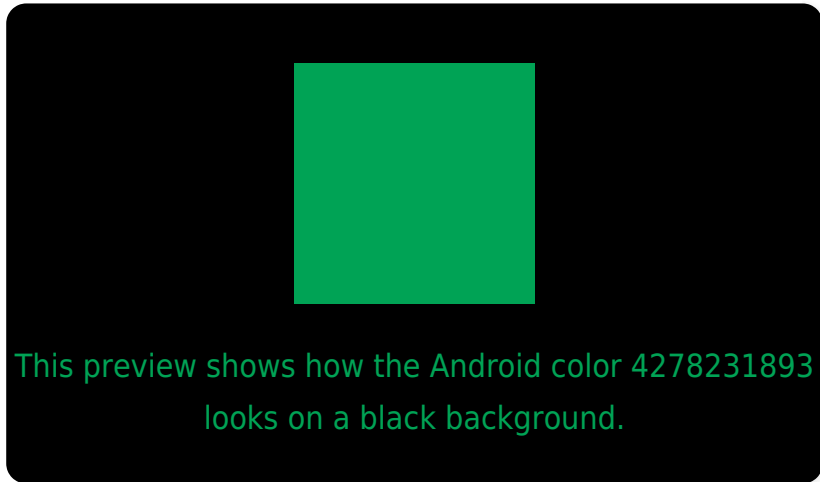
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

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 × Fail

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

Android 4278231893 Background



This preview shows how black text looks on a background with the Android color 4278231893.



This preview shows how white text looks on a background with the Android color 4278231893.

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

4278231893



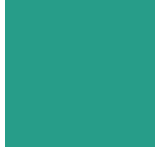
Protanomaly

4284716368



Deuteranomaly

4285305177



Tritanomaly

4280786313

Monochromacy



Original Color

4278231893



Achromatopsia

4285098345



Achromatomaly

4282613346

CSS Examples

Text

The CSS property to change the color of the text to Android 4278231893 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, 163, 85)` looks like.

```
.text, #text, p{  
    color:rgb(0, 163, 85)  
}
```

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, 163, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 163, 85) }
```

Border

The CSS property to change the border of an element to Android 4278231893 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, 163, 85) }
```

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

```
.border{ border-color:rgb(0, 163, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 163, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 163, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 163, 85);  
box-shadow:4px 4px 4px 4px rgb(0, 163, 85)  
}
```

Background

The CSS property to change the background color of an element to Android 4278231893 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 163, 85) }
```

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

```
.background{ background-color: rgb(0, 163,  
85) }
```

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