

Converting Colors

Android(4278233901)

Have a look what the booklet for
Android(4278233901) contains.

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Color

Android(4278233901)

Conversions

Conversions Part 1

Format	Color
Hex	00AB2D
RGB	0, 171, 45
RGB Percent	0%, 67%, 18%
CMY	1.0000, 0.3294, 0.8235
CMYK	1.00, 0.00, 0.74, 0.33
HSL	136°, 100%, 34%
HSV	136°, 100%, 67%
XYZ	15.0366, 29.3153, 7.3485
YIQ	105.5070, -61.4700, -75.4380

Conversions

Conversions Part 2

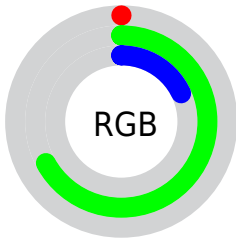
Format	Color
RYB	0, 135, 171
Decimal	43821
CIELab	61.06, -61.73, 51.43
CIELCh	61, 80.348, 140.200
Yxy	29.3153, 0.2908, 0.5670
Android (android.graphics.Color)	4278233901 (0xFF00AB2D)
YUV	105.5070, -29.8300, -92.5296
Hunter-Lab	54.1436, -45.1789, 29.8535

Details

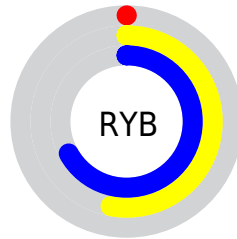
The Android color **4278233901** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **4289396862**, and the grayscale version is **4285164138**.

A 20% lighter version of the original color is **4284408931**, and **4278220032** is the 20% darker color. If you saturate the color by 10%, you get **4278233901**, and if you desaturate by 10%, it is **4279348026**.

Distribution



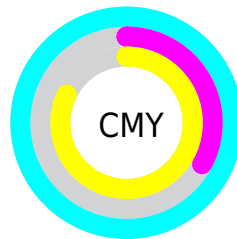
- Red (0%)
- Green (67%)
- Blue (18%)



- Red (0%)
- Yellow (53%)
- Blue (67%)



- Cyan (100%)
- Magenta (0%)
- Yellow (74%)
- Black (33%)



- Cyan (100%)
- Magenta (33%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278233901 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 4278233901 by changing the saturation by 10% instead.

 4278233901

 4278233901

4294967295

 4278226956

 4284408931

 4278220032

 4286447485

 4278213376

 4288413593

 4278206976

 4290379700

 4278201088

 4292411345

 4278191872


 4294377454

 4278190080

 4278233901

 4279348026

 4280462150

 4281576275

 4282690399

 4283804524

 4284984185

 4286098309

 4287212434

 4288326558

Harmonies

Analogous

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



4286881280



4278233901



4278235513

Triad

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



4278233901



4278232063



4294919271

Complementary

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



4278233901



4289396862

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.



4294918830



4278233901



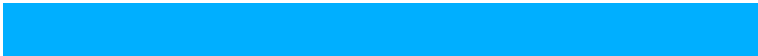
4283599871

Square

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



4278233901



4278235135



4291848175



4294272802

Rectangle

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



4278233901



4278236075



4291848175



4294917502

Sweetspot

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



4278233901



4288405165



4286622464



4282937426



4293980400



4285558896

Same Dimension

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



4278233901



4278246970



4278233984



4283324240



4278228520



4278195974

Inverse Universe

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



4289396862



4292739235



4289396779



4283911764



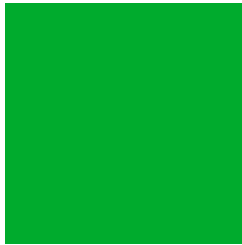
4288020591



4279697425

Previews

White Background



This preview shows how the Android color 4278233901 looks on a white background.

Color Contrast Check

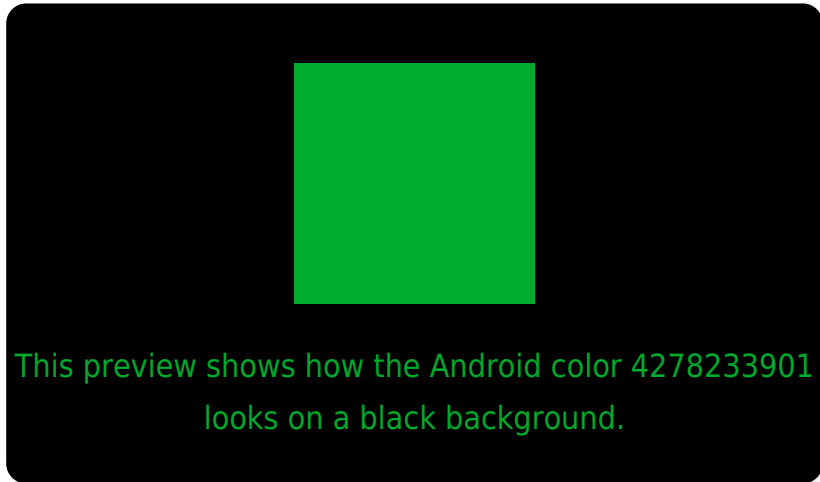
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278233901 Background



This preview shows how black text looks on a background with the Android color 4278233901.



This preview shows how white text looks on a background with the Android color 4278233901.

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
4278233901

Protanopia
4288975655

Deuteranopia
4290153273

Trichromacy



Original Color

4278233901



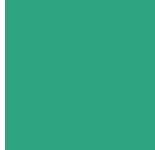
Protanomaly

4285045801



Deuteranomaly

4285830965



Tritanomaly

4281181310

Monochromacy



Original Color

4278233901



Achromatopsia

4285164138



Achromatomaly

4282614356

CSS Examples

Text

The CSS property to change the color of the text to Android 4278233901 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, 171, 45)` looks like.

```
.text, #text, p{  
    color:rgb(0, 171, 45)  
}
```

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, 171, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 171, 45) }
```

Border

The CSS property to change the border of an element to Android 4278233901 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, 171, 45) }
```

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

```
.border{ border-color:rgb(0, 171, 45) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 171, 45)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 171, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 171, 45);  
box-shadow:4px 4px 4px 4px rgb(0, 171, 45)  
}
```

Background

The CSS property to change the background color of an element to Android 4278233901 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 171, 45) }
```

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

```
.background{ background-color: rgb(0, 171,  
45) }
```

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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