

Converting Colors

Android(4278235949)

Have a look what the booklet for
Android(4278235949) contains.

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Color

Android(4278235949)

Conversions

Conversions Part 1

Format	Color
Hex	00B32D
RGB	0, 179, 45
RGB Percent	0%, 70%, 18%
CMY	1.0000, 0.2980, 0.8235
CMYK	1.00, 0.00, 0.75, 0.30
HSL	135°, 100%, 35%
HSV	135°, 100%, 70%
XYZ	16.5938, 32.4297, 7.8676
YIQ	110.2030, -63.6700, -79.6220

Conversions

Conversions Part 2

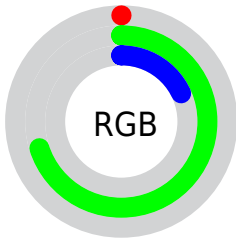
Format	Color
RYB	0, 143, 179
Decimal	45869
CIELab	63.70, -64.07, 54.11
CIElCh	64, 83.858, 139.819
Yxy	32.4297, 0.2917, 0.5700
Android (android.graphics.Color)	4278235949 (0xFF00B32D)
YUV	110.2030, -32.1451, -96.6480
Hunter-Lab	56.9470, -47.6444, 31.6716

Details

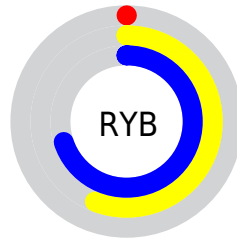
The Android color **4278235949** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **4289921158**, and the grayscale version is **4285493103**.

A 20% lighter version of the original color is **4284542052**, and **4278221824** is the 20% darker color. If you saturate the color by 10%, you get **4278235949**, and if you desaturate by 10%, it is **4279415610**.

Distribution



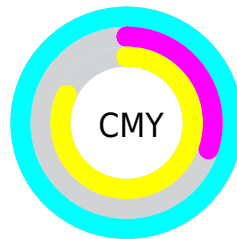
- Red (0%)
- Green (70%)
- Blue (18%)



- Red (0%)
- Yellow (56%)
- Blue (70%)



- Cyan (100%)
- Magenta (0%)
- Yellow (75%)
- Black (30%)



- Cyan (100%)
- Magenta (30%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278235949 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 4278235949 by changing the saturation by 10% instead.

 4278235949

 4278235949

4294967295

 4278228745

 4284542052

 4278221824

 4286644095

 4278215168

 4288675738

 4278208768

 4290641846

 4278202880

 4292607954

 4278195456

 4294639599

 4278190080

 4278235949

 4279415610

 4280595272

 4281774933

 4282954595

 4284134256

 4285248381

 4286428043

 4287607704

 4288787366

Harmonies

Analogous

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



4287342080



4278235949



4278237565

Triad

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



4278235949



4278234111



4294919533

Complementary

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



4278235949



4289921158

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.



4294919351



4278235949



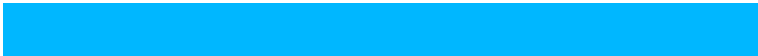
4283536127

Square

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



4278235949



4278237183



4292439292



4294929187

Rectangle

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



4278235949



4278238130



4292439292



4294917765

Sweetspot

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



4278235949



4288866484



4287017728



4283135318



4294309365



4285887861

Same Dimension

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



4278235949



4278249530



4278236038



4283455827



4278229286



4278196742

Inverse Universe

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



4289921158



4293394606



4289921069



4284043351



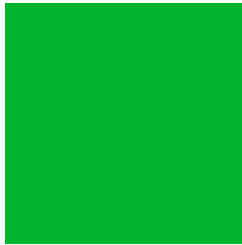
4288217203



4279894035

Previews

White Background



This preview shows how the Android color 4278235949 looks on a white background.

Color Contrast Check

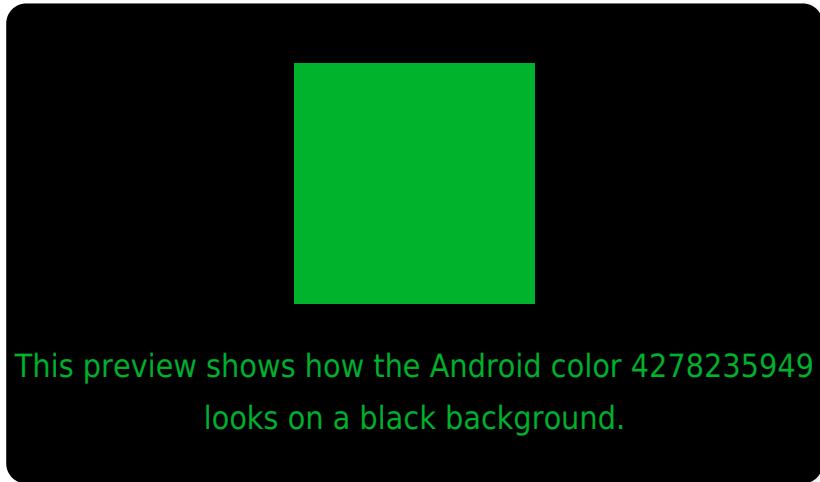
Large Text (above 18pt) WCAG AA × Fail

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 4278235949 Background



This preview shows how black text looks on a background with the Android color 4278235949.



This preview shows how white text looks on a background with the Android color 4278235949.

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

4278235949



Protanomaly

4285375273



Deuteranomaly

4286225973



Tritanomaly

4281314179

Monochromacy



Original Color

4278235949



Achromatopsia

4285427310



Achromatomaly

4282812246

CSS Examples

Text

The CSS property to change the color of the text to Android 4278235949 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, 179, 45)` looks like.

```
.text, #text, p{  
    color:rgb(0, 179, 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, 179, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 179, 45) }
```

Border

The CSS property to change the border of an element to Android 4278235949 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, 179, 45) }
```

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

```
.border{ border-color:rgb(0, 179, 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, 179, 45)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 179, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 179, 45);  
box-shadow:4px 4px 4px 4px rgb(0, 179, 45)  
}
```

Background

The CSS property to change the background color of an element to Android 4278235949 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 179, 45) }
```

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

```
.background{ background-color: rgb(0, 179,  
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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