

Converting Colors

Android(4278231840)

Have a look what the booklet for
Android(4278231840) contains.

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Color

Android(4278231840)

Conversions

Conversions Part 1

Format	Color
Hex	00A320
RGB	0, 163, 32
RGB Percent	0%, 64%, 13%
CMY	1.0000, 0.3608, 0.8745
CMYK	1.00, 0.00, 0.80, 0.36
HSL	132°, 100%, 32%
HSV	132°, 100%, 64%
XYZ	13.3579, 26.2987, 5.7386
YIQ	99.3290, -55.0970, -75.2970

Conversions

Conversions Part 2

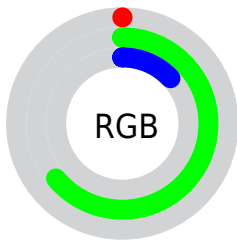
Format	Color
RYB	0, 136, 163
Decimal	41760
CIELab	58.32, -60.38, 53.15
CIELCh	58, 80.445, 138.645
Yxy	26.2987, 0.2943, 0.5793
Android (android.graphics.Color)	4278231840 (0xFF00A320)
YUV	99.3290, -33.1932, -87.1115
Hunter-Lab	51.2822, -43.2485, 29.2629

Details

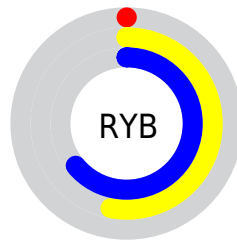
The Android color `4278231840` is a dark color, and the websafe version is hex `009900`. A complement of this color would be `4288872579`, and the grayscale version is `4284769380`.

A 20% lighter version of the original color is `4284275544`, and `4278217984` is the 20% darker color. If you saturate the color by 10%, you get `4278231840`, and if you desaturate by 10%, it is `4279280429`.

Distribution



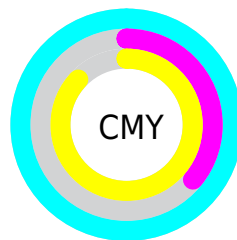
- Red (0%)
- Green (64%)
- Blue (13%)



- Red (0%)
- Yellow (53%)
- Blue (64%)



- Cyan (100%)
- Magenta (0%)
- Yellow (80%)
- Black (36%)



- Cyan (100%)
- Magenta (36%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278231840 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 4278231840 by changing the saturation by 10% instead.

 4278231840

 4278231840

4294967295

 4278224896

 4284275544

 4278217984

 4286314610

 4278211584

 4288282509

 4278205184

 4290248617

 4278199296

 4292214725

 4278190080

 4294180834

 4278231840

 4279280429

 4280394554

 4281443143

 4282491732

 4283605858

 4284654447

 4285703036

 4286751625

 4287865750

Harmonies

Analogous

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



4286617088



4278231840



4278233454

Triad

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



4278231840



4278230527



4294916196

Complementary

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



4278231840



4288872579

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.



4294654378



4278231840



4281828863

Square

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



4278231840



4278233334



4291060203



4293811742

Rectangle

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



4278231840



4278234015



4291060203



4294914427

Sweetspot

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



4278231840



4287943841



4286948096



4282739532



4293651435



4285229931

Same Dimension

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



4278231840



4278244394



4278231919



4282995275



4278227229



4278194692

Inverse Universe

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



4288872579



4292083882



4288872500



4283582800



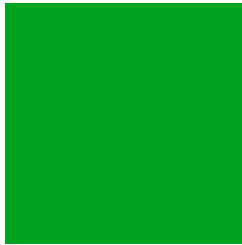
4287692917



4279369742

Previews

White Background



This preview shows how the Android color 4278231840 looks on a white background.

Color Contrast Check

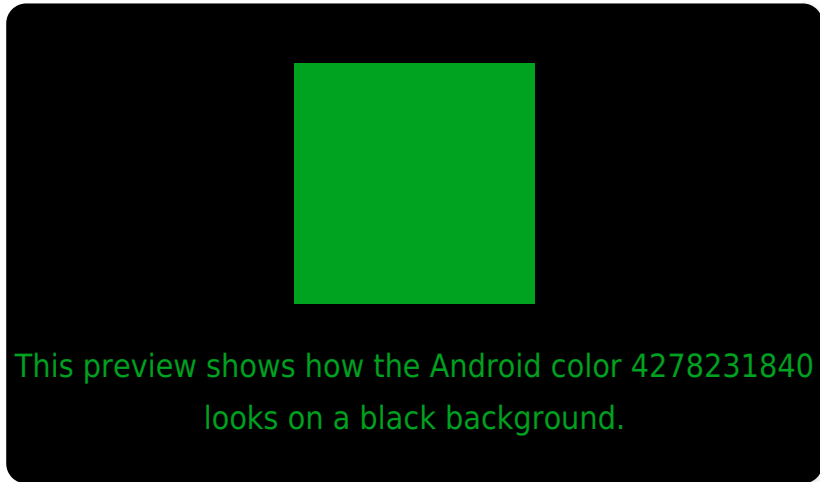
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278231840 Background



This preview shows how black text looks on a background with the Android color 4278231840.



This preview shows how white text looks on a background with the Android color 4278231840.

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
4278231840

Protanopia
4288515098

Deuteranopia
4289627183

Trichromacy



Original Color

4278231840



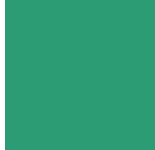
Protanomaly

4284781596



Deuteranomaly

4285501226



Tritanomaly

4281048180

Monochromacy



Original Color

4278231840



Achromatopsia

4284703587



Achromatomaly

4282350155

CSS Examples

Text

The CSS property to change the color of the text to Android 4278231840 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, 32)` looks like.

```
.text, #text, p{  
    color:rgb(0, 163, 32)  
}
```

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, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 163, 32) }
```

Border

The CSS property to change the border of an element to Android 4278231840 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, 32) }
```

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

```
.border{ border-color:rgb(0, 163, 32) }
```

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, 32) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 163, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 163, 32);  
box-shadow:4px 4px 4px 4px rgb(0, 163, 32)  
}
```

Background

The CSS property to change the background color of an element to Android 4278231840 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, 32) }
```

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

```
.background{ background-color: rgb(0, 163,  
32) }
```

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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