

Converting Colors

Android(4278241600)

Have a look what the booklet for
Android(4278241600) contains.

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Color

Android(4278241600)

Conversions

Conversions Part 1

Format	Color
Hex	00C940
RGB	0, 201, 64
RGB Percent	0%, 79%, 25%
CMY	1.0000, 0.2118, 0.7490
CMYK	1.00, 0.00, 0.68, 0.21
HSL	139°, 100%, 39%
HSV	139°, 100%, 79%
XYZ	21.8121, 42.1435, 11.8354
YIQ	125.2830, -75.8190, -85.2190

Conversions

Conversions Part 2

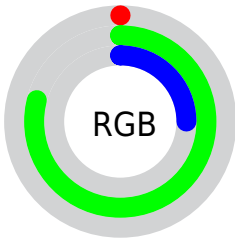
Format	Color
RYB	0, 152, 201
Decimal	51520
CIELab	70.97, -68.75, 54.50
CIELCh	71, 87.732, 141.596
Yxy	42.1435, 0.2878, 0.5560
Android (android.graphics.Color)	4278241600 (0xFF00C940)
YUV	125.2830, -30.2125, -109.8732
Hunter-Lab	64.9180, -53.6315, 34.6333

Details

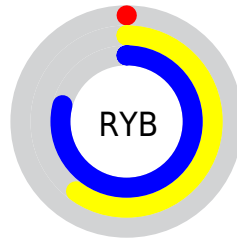
The Android color `4278241600` is a dark color, and the websafe version is hex `00CC33`. The color can be described as dark washed green. A complement of this color would be `4291362953`, and the grayscale version is `4286479998`.

A 20% lighter version of the original color is `4284940150`, and `4278227200` is the 20% darker color. If you saturate the color by 10%, you get `4278241600`, and if you desaturate by 10%, it is `4279552334`.

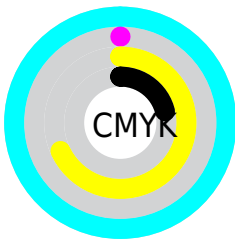
Distribution



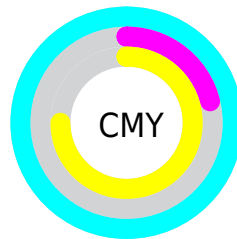
- Red (0%)
- Green (79%)
- Blue (25%)



- Red (0%)
- Yellow (60%)
- Blue (79%)



- Cyan (100%)
- Magenta (0%)
- Yellow (68%)
- Black (21%)



- Cyan (100%)
- Magenta (21%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278241600 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 4278241600 by changing the saturation by 10% instead.

 4278241600

 4278241600

4294967295

 4278234403

 4284940150

 4278227200

 4287102865

 4278220288

 4289134509

 4278213632

 4291166153

 4278207232

 4293197798

 4278200832

 4278191872

 4278190080

 4278241600

 4279552334

 4280863067

 4282173801

 4283484535

 4284860805

 4286171538

 4287482272

 4288793006

 4290103739

Harmonies

Analogous

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



4288330496



4278241600



4278243476

Triad

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



4278241600



4278238975



4294924664

Complementary

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



4278241600



4291362953

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.



4294923720



4278241600



4285833983

Square

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



4278241600



4278242815



4294343423



4294934059

Rectangle

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



4278241600



4278243788



4294343423



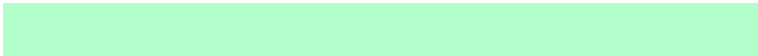
4294922642

Sweetspot

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



4278241600



4289986507



4287219968



4283596896



4278190080



4286611584

Same Dimension

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



4278241600



4278255441



4278241700



4284113757



4278231860



4278199307

Inverse Universe

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



4291362953



4294901934



4291362853



4284701280



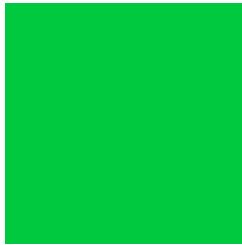
4288872559



4280549400

Previews

White Background



This preview shows how the Android color 4278241600 looks on a white background.

Color Contrast Check

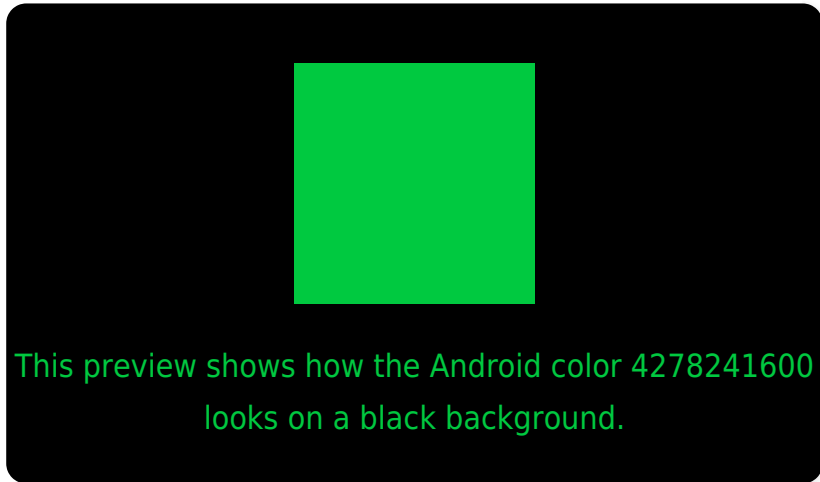
Large Text (above 18pt) WCAG AA × Fail

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 4278241600 Background



This preview shows how black text looks on a background with the Android color 4278241600.



This preview shows how white text looks on a background with the Android color 4278241600.

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
4278241600

Protanopia
4290882872

Deuteranopia
4292191308

Trichromacy



Original Color

4278241600



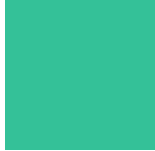
Protanomaly

4286297915



Deuteranomaly

4287148360



Tritanomaly

4281647512

Monochromacy



Original Color

4278241600



Achromatopsia

4286414205



Achromatomaly

4283472231

CSS Examples

Text

The CSS property to change the color of the text to Android 4278241600 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, 201, 64)` looks like.

```
.text, #text, p{  
    color:rgb(0, 201, 64)  
}
```

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, 201, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 201, 64) }
```

Border

The CSS property to change the border of an element to Android 4278241600 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, 201, 64) }
```

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

```
.border{ border-color:rgb(0, 201, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 201, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 201, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 201, 64);  
box-shadow:4px 4px 4px 4px rgb(0, 201, 64)  
}
```

Background

The CSS property to change the background color of an element to Android 4278241600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 201, 64) }
```

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

```
.background{ background-color: rgb(0, 201,  
64) }
```

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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