

Converting Colors

Android(4278237735)

Have a look what the booklet for
Android(4278237735) contains.

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Color

Android(4278237735)

Conversions

Conversions Part 1

Format	Color
Hex	00BA27
RGB	0, 186, 39
RGB Percent	0%, 73%, 15%
CMY	1.0000, 0.2706, 0.8471
CMYK	1.00, 0.00, 0.79, 0.27
HSL	133°, 100%, 36%
HSV	133°, 100%, 73%
XYZ	17.9251, 35.2643, 7.7814
YIQ	113.6280, -63.6690, -85.1490

Conversions

Conversions Part 2

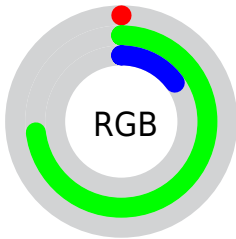
Format	Color
RYB	0, 154, 186
Decimal	47655
CIELab	65.95, -66.52, 58.30
CIELCh	66, 88.452, 138.765
Yxy	35.2643, 0.2940, 0.5784
Android (android.graphics.Color)	4278237735 (0xFF00BA27)
YUV	113.6280, -36.7916, -99.6518
Hunter-Lab	59.3837, -50.0409, 33.7995

Details

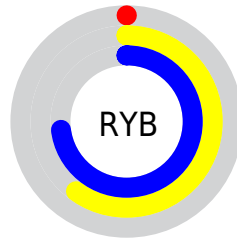
The Android color **4278237735** is a dark color, and the websafe version is hex **33CC33**. A complement of this color would be **4290379923**, and the grayscale version is **4285690482**.

A 20% lighter version of the original color is **4284740704**, and **4278223616** is the 20% darker color. If you saturate the color by 10%, you get **4278237735**, and if you desaturate by 10%, it is **4279482934**.

Distribution



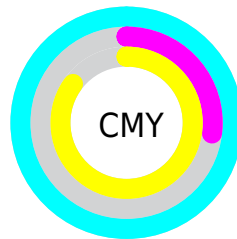
- Red (0%)
- Green (73%)
- Blue (15%)



- Red (0%)
- Yellow (60%)
- Blue (73%)



- Cyan (100%)
- Magenta (0%)
- Yellow (79%)
- Black (27%)



- Cyan (100%)
- Magenta (27%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278237735 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 4278237735 by changing the saturation by 10% instead.



4278237735



4278237735

4294967295



4278230528



4284740704



4278223616



4286840699



4278216960



4288872343



4278210304



4290903987



4278204160



4292870095



4278197504



4294901741



4278190080




4278237735



4279482934

 4280662596

 4281907795

 4283087458

 4284332657

 4285577855

 4286757518

 4288002717

 4289182379

Harmonies

Analogous

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



4287802368



4278237735



4278239615

Triad

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



4278237735



4278236159



4294918771

Complementary

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



4278237735



4290379923

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.



4294919106



4278237735



4282554623

Square

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



4278237735



4278239231



4292833535



4294929444

Rectangle

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



4278237735



4278240182



4292833535



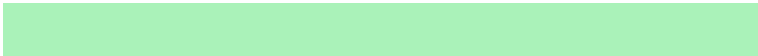
4294916749

Sweetspot

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



4278237735



4289393337



4288002560



4283333208



4294638330



4286216826

Same Dimension

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



4278237735



4278252083



4278237826



4283653205



4278230049



4278197254

Inverse Universe

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



4290379923



4294049983



4290379832



4284240730



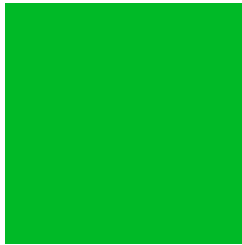
4288413819



4280025110

Previews

White Background



This preview shows how the Android color 4278237735 looks on a white background.

Color Contrast Check

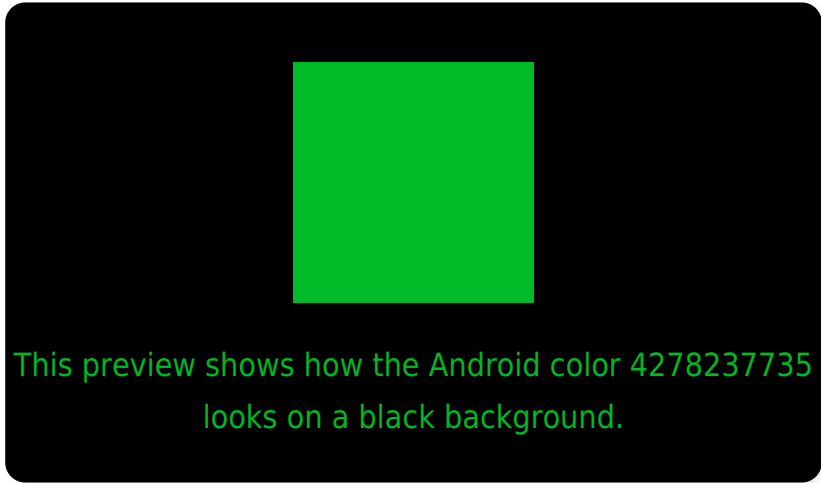
Large Text (above 18pt) WCAG AA × Fail

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 4278237735 Background



This preview shows how black text looks on a background with the Android color 4278237735.



This preview shows how white text looks on a background with the Android color 4278237735.

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
4278237735

Protanopia
4289961760

Deuteranopia
4291270455

Trichromacy



Original Color

4278237735



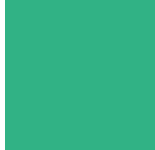
Protanomaly

4285704483



Deuteranomaly

4286555185



Tritanomaly

4281447045

Monochromacy



Original Color

4278237735



Achromatopsia

4285690482



Achromatomaly

4283010135

CSS Examples

Text

The CSS property to change the color of the text to Android 4278237735 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, 186, 39)` looks like.

```
.text, #text, p{  
    color:rgb(0, 186, 39)  
}
```

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, 186, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 186, 39) }
```

Border

The CSS property to change the border of an element to Android 4278237735 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, 186, 39) }
```

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

```
.border{ border-color:rgb(0, 186, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 186, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 186, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 186, 39);  
box-shadow:4px 4px 4px 4px rgb(0, 186, 39)  
}
```

Background

The CSS property to change the background color of an element to Android 4278237735 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 186, 39) }
```

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

```
.background{ background-color: rgb(0, 186,  
39) }
```

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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