

Converting Colors

Android(4278237501)

Have a look what the booklet for
Android(4278237501) contains.

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Color

Android(4278237501)

Conversions

Conversions Part 1

Format	Color
Hex	00B93D
RGB	0, 185, 61
RGB Percent	0%, 73%, 24%
CMY	1.0000, 0.2745, 0.7608
CMYK	1.00, 0.00, 0.67, 0.27
HSL	140°, 100%, 36%
HSV	140°, 100%, 73%
XYZ	18.1913, 35.0348, 10.2185
YIQ	115.5490, -70.4560, -77.7840

Conversions

Conversions Part 2

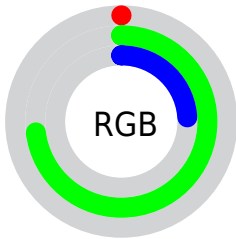
Format	Color
RYB	0, 139, 185
Decimal	47421
CIELab	65.78, -64.34, 50.10
CIELCh	66, 81.546, 142.089
Yxy	35.0348, 0.2867, 0.5522
Android (android.graphics.Color)	4278237501 (0xFF00B93D)
YUV	115.5490, -26.8927, -101.3365
Hunter-Lab	59.1902, -48.7235, 31.1974

Details

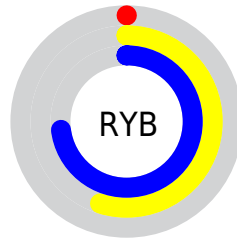
The Android color **4278237501** is a dark color, and the websafe version is hex **33CC33**. A complement of this color would be **4290314364**, and the grayscale version is **4285822068**.

A 20% lighter version of the original color is **4284609138**, and **4278223360** is the 20% darker color. If you saturate the color by 10%, you get **4278237501**, and if you desaturate by 10%, it is **4279417161**.

Distribution



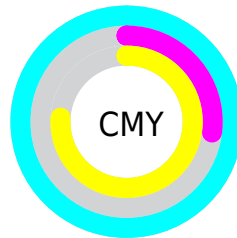
- Red (0%)
- Green (73%)
- Blue (24%)



- Red (0%)
- Yellow (55%)
- Blue (73%)



- Cyan (100%)
- Magenta (0%)
- Yellow (67%)
- Black (27%)



- Cyan (100%)
- Magenta (27%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278237501 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 4278237501 by changing the saturation by 10% instead.

 4278237501

 4278237501

4294967295

 4278230305

 4284609138

 4278223360

 4286709645

 4278216704

 4288741288

 4278210048

 4290707396

 4278204160

 4292739041

 4278197504


 4294770686

 4278190080

 4278237501

 4279417161

 4280662358

 4281907554

 4283087215

 4284332411

 4285512071

 4286757268

 4287936928

 4289182125

Harmonies

Analogous

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



4287409152



4278237501



4278239113

Triad

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



4278237501



4278235135



4294923118

Complementary

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



4278237501



4290314364

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.



4294922166



4278237501



4285502975

Square

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



4278237501



4278238463



4293161211



4294931752

Rectangle

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



4278237501



4278239420



4293161211



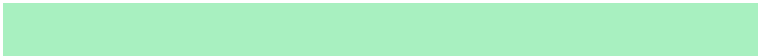
4294921349

Sweetspot

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



4278237501



4289261760



4286494976



4283267163



4294440951



4286085240

Same Dimension

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



4278237501



4278251599



4278237591



4283653206



4278230067



4278197257

Inverse Universe

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



4290314364



4293918881



4290314274



4284240729



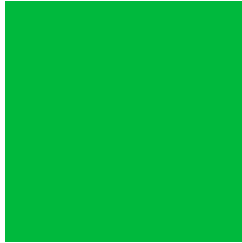
4288413800



4280025107

Previews

White Background



This preview shows how the Android color 4278237501 looks on a white background.

Color Contrast Check

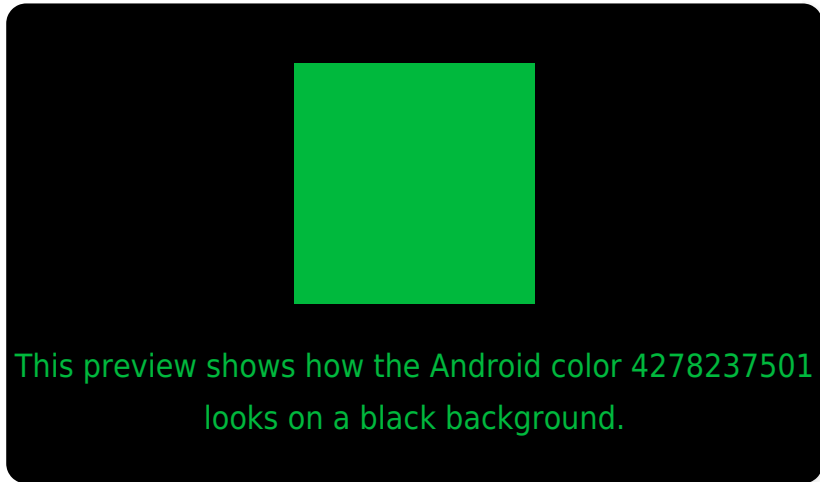
Large Text (above 18pt) WCAG AA × Fail

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 4278237501 Background



This preview shows how black text looks on a background with the Android color 4278237501.



This preview shows how white text looks on a background with the Android color 4278237501.

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
4278237501



Protanomaly
4285638713



Deuteranomaly
4286423876



Tritanomaly
4281381261

Monochromacy



Original Color
4278237501



Achromatopsia
4285822068



Achromatomaly
4283075936

CSS Examples

Text

The CSS property to change the color of the text to Android 4278237501 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, 185, 61)` looks like.

```
.text, #text, p{  
    color:rgb(0, 185, 61)  
}
```

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, 185, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 185, 61) }
```

Border

The CSS property to change the border of an element to Android 4278237501 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, 185, 61) }
```

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

```
.border{ border-color:rgb(0, 185, 61) }
```

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

Here you see how a box with a 4 pixel rgb(0, 185, 61) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 185, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 185, 61);  
box-shadow:4px 4px 4px 4px rgb(0, 185, 61)  
}
```

Background

The CSS property to change the background color of an element to Android 4278237501 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 185, 61) }
```

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

```
.background{ background-color: rgb(0, 185,  
61) }
```

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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