

Converting Colors

Android(4278237531)

Have a look what the booklet for
Android(4278237531) contains.

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Color

Android(4278237531)

Conversions

Conversions Part 1

Format	Color
Hex	00B95B
RGB	0, 185, 91
RGB Percent	0%, 73%, 36%
CMY	1.0000, 0.2745, 0.6431
CMYK	1.00, 0.00, 0.51, 0.27
HSL	150°, 100%, 36%
HSV	150°, 100%, 73%
XYZ	19.2373, 35.4533, 15.7268
YIQ	118.9690, -80.0860, -68.4540

Conversions

Conversions Part 2

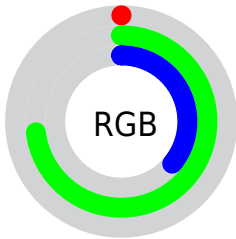
Format	Color
RYB	0, 124, 185
Decimal	47451
CIELab	66.10, -60.31, 36.62
CIELCh	66, 70.558, 148.738
Yxy	35.4533, 0.2732, 0.5035
Android (android.graphics.Color)	4278237531 (0xFF00B95B)
YUV	118.9690, -13.7887, -104.3358
Hunter-Lab	59.5426, -46.5291, 26.0198

Details

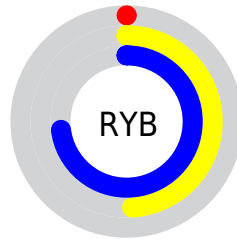
The Android color **4278237531** is a dark color, and the websafe version is hex **33CC66**. A complement of this color would be **4290314334**, and the grayscale version is **4286019447**.

A 20% lighter version of the original color is **4284543631**, and **4278223402** is the 20% darker color. If you saturate the color by 10%, you get **4278237531**, and if you desaturate by 10%, it is **4279417188**.

Distribution



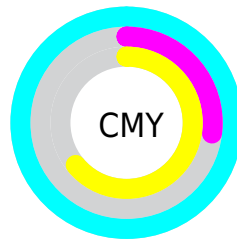
- Red (0%)
- Green (73%)
- Blue (36%)



- Red (0%)
- Yellow (49%)
- Blue (73%)



- Cyan (100%)
- Magenta (0%)
- Yellow (51%)
- Black (27%)



- Cyan (100%)
- Magenta (27%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278237531 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 4278237531 by changing the saturation by 10% instead.

 4278237531

 4278237531

4294967295

 4278230338

 4284543631

 4278223402

 4286644138

 4278216720

 4288610246

 4278210048

 4290641890

 4278204160

 4292607999

 4278197760


 4294639615

 4278190080

 4278237531

 4279417188

 4280662382

 4281907575

 4283087233

 4284332426

 4285512083

 4286757277

 4287936934

 4289182128

Harmonies

Analogous

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



4286820128



4278237531



4278238876

Triad

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



4278237531



4278233599



4294928744

Complementary

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



4278237531



4290314334

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.



4294926758



4278237531



4288319999

Square

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



4278237531



4278237183



4293555427



4294083632

Rectangle

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



4278237531



4278238920



4293555427



4294927228

Sweetspot

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



4278237531



4289261771



4284528896



4283267170



4294440951



4286085240

Same Dimension

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



4278237531



4278251638



4278237622



4283653207



4278230093



4278197262

Inverse Universe

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



4290314334



4293918842



4290314243



4284240727



4288413775



4280025102

Previews

White Background



This preview shows how the Android color 4278237531 looks on a white background.

Color Contrast Check

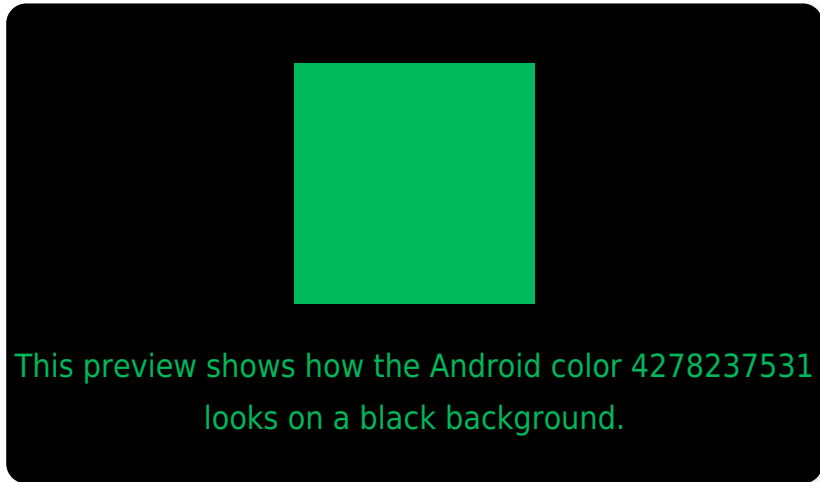
Large Text (above 18pt) WCAG AA × Fail

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 4278237531 Background



This preview shows how black text looks on a background with the Android color 4278237531.



This preview shows how white text looks on a background with the Android color 4278237531.

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

4278237531



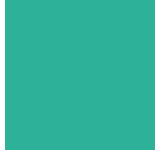
Protanomaly

4285573461



Deuteranomaly

4286293088



Tritanomaly

4281184921

Monochromacy



Original Color

4278237531



Achromatopsia

4286019447



Achromatomaly

4283207533

CSS Examples

Text

The CSS property to change the color of the text to Android 4278237531 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, 91)` looks like.

```
.text, #text, p{  
    color:rgb(0, 185, 91)  
}
```

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, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 185, 91) }
```

Border

The CSS property to change the border of an element to Android 4278237531 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, 91) }
```

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

```
.border{ border-color:rgb(0, 185, 91) }
```

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, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 185, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 185, 91);  
box-shadow:4px 4px 4px 4px rgb(0, 185, 91)  
}
```

Background

The CSS property to change the background color of an element to Android 4278237531 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, 91) }
```

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

```
.background{ background-color: rgb(0, 185,  
91) }
```

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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