

Converting Colors

Android(4278237517)

Have a look what the booklet for
Android(4278237517) contains.

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Color

Android(4278237517)

Conversions

Conversions Part 1

Format	Color
Hex	00B94D
RGB	0, 185, 77
RGB Percent	0%, 73%, 30%
CMY	1.0000, 0.2745, 0.6980
CMYK	1.00, 0.00, 0.58, 0.27
HSL	145°, 100%, 36%
HSV	145°, 100%, 73%
XYZ	18.6885, 35.2337, 12.8370
YIQ	117.3730, -75.5920, -72.8080

Conversions

Conversions Part 2

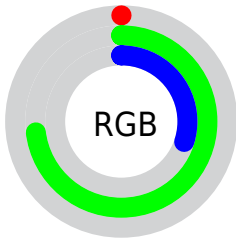
Format	Color
RYB	0, 131, 185
Decimal	47437
CIELab	65.93, -62.40, 43.19
CIELCh	66, 75.889, 145.311
Yxy	35.2337, 0.2799, 0.5278
Android (android.graphics.Color)	4278237517 (0xFF00B94D)
YUV	117.3730, -19.9039, -102.9361
Hunter-Lab	59.3580, -47.6769, 28.7283

Details

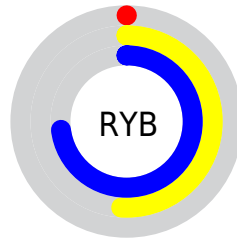
The Android color **4278237517** is a dark color, and the websafe version is hex **33CC66**. A complement of this color would be **4290314348**, and the grayscale version is **4285953654**.

A 20% lighter version of the original color is **4284609153**, and **4278223385** is the 20% darker color. If you saturate the color by 10%, you get **4278237517**, and if you desaturate by 10%, it is **4279417176**.

Distribution



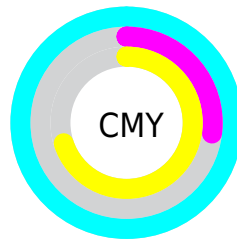
- Red (0%)
- Green (73%)
- Blue (30%)



- Red (0%)
- Yellow (51%)
- Blue (73%)



- Cyan (100%)
- Magenta (0%)
- Yellow (58%)
- Black (27%)



- Cyan (100%)
- Magenta (27%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278237517 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 4278237517 by changing the saturation by 10% instead.



4278237517



4278237517

4294967295



4278230324



4284609153



4278223385



4286644124



4278216704



4288675767



4278210048



4290641876



4278204160



4292673520



4278197504



4294705151



4278190080



4278237517



4279417176

 4280662371

 4281907565

 4283087224

 4284332419

 4285512078

 4286757273

 4287936931

 4289182126

Harmonies

Analogous

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



4287147264



4278237517



4278238867

Triad

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



4278237517



4278234367



4294926186

Complementary

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



4278237517



4290314348

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.



4294924462



4278237517



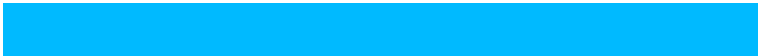
4287075327

Square

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



4278237517



4278237951



4293358319



4294606124

Rectangle

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



4278237517



4278239170



4293358319



4294924672

Sweetspot

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



4278237517



4289261766



4285511936



4283267167



4294440951



4286085240

Same Dimension

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



4278237517



4278251620



4278237606



4283653206



4278230081



4278197260

Inverse Universe

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



4290314348



4293918860



4290314259



4284240728



4288413787



4280025104

Previews

White Background



This preview shows how the Android color 4278237517 looks on a white background.

Color Contrast Check

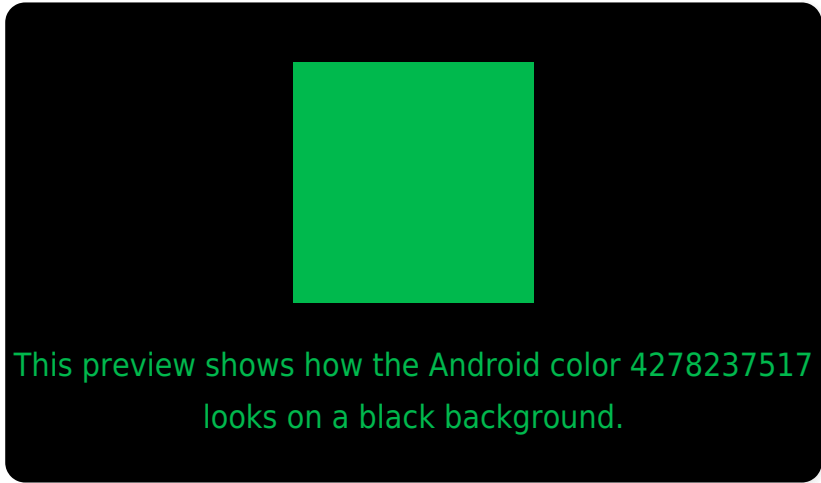
Large Text (above 18pt) WCAG AA × Fail

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 4278237517 Background



This preview shows how black text looks on a background with the Android color 4278237517.



This preview shows how white text looks on a background with the Android color 4278237517.

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

4278237517



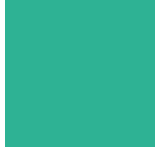
Protanomaly

4285638728



Deuteranomaly

4286358611



Tritanomaly

4281250452

Monochromacy



Original Color

4278237517



Achromatopsia

4285887861



Achromatomaly

4283076198

CSS Examples

Text

The CSS property to change the color of the text to Android 4278237517 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, 77)` looks like.

```
.text, #text, p{  
    color:rgb(0, 185, 77)  
}
```

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, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 185, 77) }
```

Border

The CSS property to change the border of an element to Android 4278237517 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, 77) }
```

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

```
.border{ border-color:rgb(0, 185, 77) }
```

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, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 185, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 185, 77);  
box-shadow:4px 4px 4px 4px rgb(0, 185, 77)  
}
```

Background

The CSS property to change the background color of an element to Android 4278237517 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, 77) }
```

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

```
.background{ background-color: rgb(0, 185,  
77) }
```

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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