

Converting Colors

Android(4278238036)

Have a look what the booklet for
Android(4278238036) contains.

Android(4278238036)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4278238036)

Conversions

Conversions Part 1

Format	Color
Hex	00BB54
RGB	0, 187, 84
RGB Percent	0%, 73%, 33%
CMY	1.0000, 0.2667, 0.6706
CMYK	1.00, 0.00, 0.55, 0.27
HSL	147°, 100%, 37%
HSV	147°, 100%, 73%
XYZ	19.3706, 36.1807, 14.3502
YIQ	119.3450, -78.3890, -71.6770

Conversions

Conversions Part 2

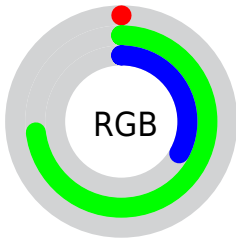
Format	Color
RYB	0, 129, 187
Decimal	47956
CIELab	66.66, -62.04, 40.73
CIELCh	67, 74.218, 146.713
Yxy	36.1807, 0.2771, 0.5176
Android (android.graphics.Color)	4278238036 (0xFF00BB54)
YUV	119.3450, -17.4251, -104.6656
Hunter-Lab	60.1504, -47.7800, 27.9604

Details

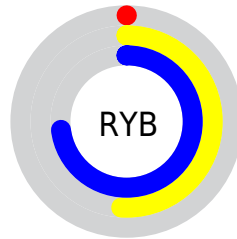
The Android color `4278238036` is a dark color, and the websafe version is hex `33CC66`. A complement of this color would be `4290445415`, and the grayscale version is `4286085240`.

A 20% lighter version of the original color is `4284609672`, and `4278223905` is the 20% darker color. If you saturate the color by 10%, you get `4278238036`, and if you desaturate by 10%, it is `4279483230`.

Distribution



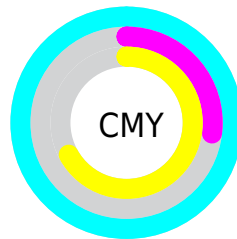
- Red (0%)
- Green (73%)
- Blue (33%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (55%)
- Black (27%)



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

Brightness & Saturation Gradients

These gradients show how the Android color 4278238036 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 4278238036 by changing the saturation by 10% instead.

 4278238036

 4278238036

4294967295

 4278230843

 4284609672

 4278223905

 4286709667

 4278217219

 4288675775

 4278210560

 4290707419

 4278204416

 4292673528

 4278198016


 4294705151

 4278190080

 4278238036

 4279483230

 4280662889

 4281908083

 4283153277

 4284398471

 4285578130

 4286823324

 4288068518

 4289248177

Harmonies

Analogous

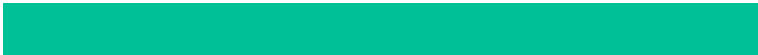
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4287082509



4278238036



4278239384

Triad

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



4278238036



4278234367



4294927722

Complementary

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



4278238036



4290445415

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.



4294925740



4278238036



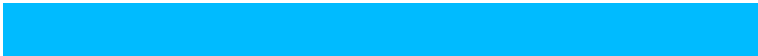
4287730943

Square

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



4278238036



4278238207



4293620972



4294541614

Rectangle

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



4278238036



4278239687



4293620972



4294926208

Sweetspot

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



4278238036



4289393354



4285184768



4283333218



4294638330



4286216826

Same Dimension

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



4278238036



4278252141



4278238127



4283784793



4278230599



4278198030

Inverse Universe

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



4290445415



4294049925



4290445324



4284372314



4288544855



4280221713

Previews

White Background



This preview shows how the Android color 4278238036 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



This preview shows how the Android color 4278238036 looks on a 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 4278238036 Background



This preview shows how black text looks on a background with the Android color 4278238036.



This preview shows how white text looks on a background with the Android color 4278238036.

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
4278238036

Protanopia
4289896780

Deuteranopia
4291074653

Trichromacy



Original Color

4278238036



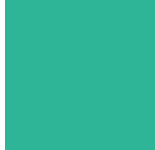
Protanomaly

4285639247



Deuteranomaly

4286424666



Tritanomaly

4281250967

Monochromacy



Original Color

4278238036



Achromatopsia

4286019447



Achromatomaly

4283207786

CSS Examples

Text

The CSS property to change the color of the text to Android 4278238036 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, 187, 84)` looks like.

```
.text, #text, p{  
    color:rgb(0, 187, 84)  
}
```

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, 187, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 187, 84) }
```

Border

The CSS property to change the border of an element to Android 4278238036 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, 187, 84) }
```

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

```
.border{ border-color:rgb(0, 187, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 187, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 187, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 187, 84);  
box-shadow:4px 4px 4px 4px rgb(0, 187, 84)  
}
```

Background

The CSS property to change the background color of an element to Android 4278238036 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 187, 84) }
```

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

```
.background{ background-color: rgb(0, 187,  
84) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor