

Converting Colors

Android(4278236314)

Have a look what the booklet for
Android(4278236314) contains.

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Color

Android(4278236314)

Conversions

Conversions Part 1

Format	Color
Hex	00B49A
RGB	0, 180, 154
RGB Percent	0%, 71%, 60%
CMY	1.0000, 0.2941, 0.3961
CMYK	1.00, 0.00, 0.14, 0.29
HSL	171°, 100%, 35%
HSV	171°, 100%, 71%
XYZ	22.1540, 34.9756, 36.1552
YIQ	123.2160, -98.9340, -46.2460

Conversions

Conversions Part 2

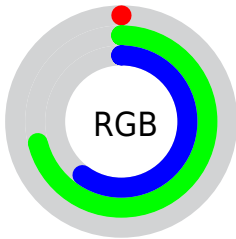
Format	Color
RYB	0, 97, 180
Decimal	46234
CIELab	65.73, -44.57, 2.42
CIELCh	66, 44.639, 176.894
Yxy	34.9756, 0.2375, 0.3749
Android (android.graphics.Color)	4278236314 (0xFF00B49A)
YUV	123.2160, 15.1765, -108.0604
Hunter-Lab	59.1402, -36.6290, 5.1514

Details

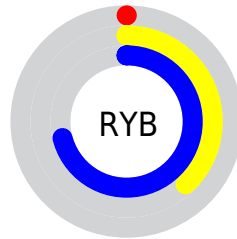
The Android color `4278236314` is a dark color, and the websafe version is hex `33CC99`. A complement of this color would be `4289986586`, and the grayscale version is `4286282619`.

A 20% lighter version of the original color is `4284542416`, and `4278222439` is the 20% darker color. If you saturate the color by 10%, you get `4278236314`, and if you desaturate by 10%, it is `4279415965`.

Distribution



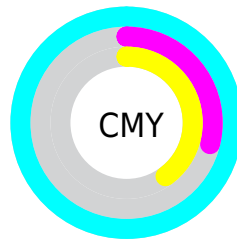
- Red (0%)
- Green (71%)
- Blue (60%)



- Red (0%)
- Yellow (38%)
- Blue (71%)



- Cyan (100%)
- Magenta (0%)
- Yellow (14%)
- Black (29%)



- Cyan (100%)
- Magenta (29%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278236314 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 4278236314 by changing the saturation by 10% instead.



4278236314



4278236314

4294967295



4278229376



4284542416



4278222439



4286644205



4278215759



4288675839



4278209336



4290641919



4278203171



4292607999



4278197518



4294639615



4278190080



4278236314



4279415965

 4280595615

 4281775266

 4282954916

 4284134567

 4285314218

 4286493868

 4287673519

 4288853169

Harmonies

Analogous

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



4284723314



4278236314



4278236355

Triad

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



4278236314



4288518119



4292513374

Complementary

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



4278236314



4289986586

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.



4293624446



4278236314



4291725516

Square

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



4278236314



4283606511



4293361573



4290550862

Rectangle

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



4278236314



4278235609



4293361573



4293036391

Sweetspot

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



4278236314



4288998368



4280005632



4283135343



4294309365



4285887861

Same Dimension

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



4278236314



4278250441



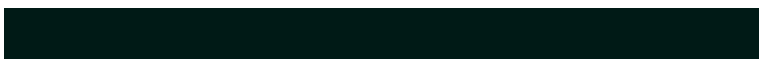
4278220212



4283455832



4278229379



4278196758

Inverse Universe

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



4289986586



4293591074



4290002688



4284043346



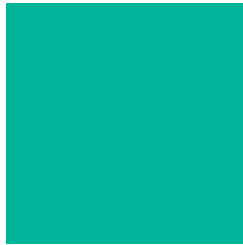
4288217110



4279894020

Previews

White Background



This preview shows how the Android color 4278236314 looks on a white background.

Color Contrast Check

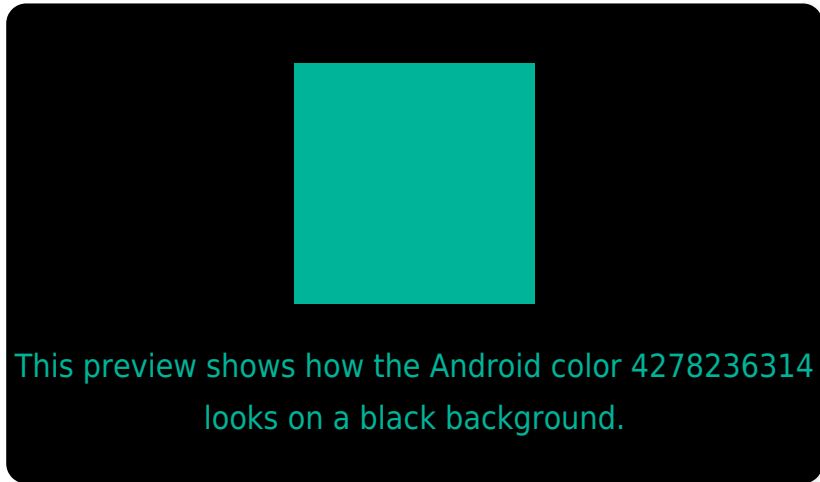
Large Text (above 18pt) WCAG AA × Fail

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 4278236314 Background



This preview shows how black text looks on a background with the Android color 4278236314.



This preview shows how white text looks on a background with the Android color 4278236314.

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

4278236314



Protanomaly

4285114002



Deuteranomaly

4285440926



Tritanomaly

4280332720

Monochromacy



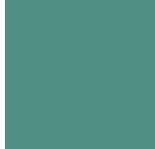
Original Color

4278236314



Achromatopsia

4286282619



Achromatomaly

4283338886

CSS Examples

Text

The CSS property to change the color of the text to Android 4278236314 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, 180, 154)` looks like.

```
.text, #text, p{  
    color:rgb(0, 180, 154)  
}
```

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, 180, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 180, 154) }
```

Border

The CSS property to change the border of an element to Android 4278236314 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, 180, 154) }
```

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

```
.border{ border-color:rgb(0, 180, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 180, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 180, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 180, 154);  
box-shadow:4px 4px 4px 4px rgb(0, 180,  
154) }
```

Background

The CSS property to change the background color of an element to Android 4278236314 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 180, 154) }
```

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

```
.background{ background-color: rgb(0, 180,  
154) }
```

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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